

## Equipment meeting eligibility requirements for DEWA Distributed Renewable Resources Generation programme (Shams Dubai)

Non exhaustive list of eligible equipment based on manufacturers' submissions reviewed by DEWA as of below date. Any other equipment meeting the eligibility requirement will be accepted by DEWA in design phase, provided that proof of compliance will be provided.

### DISCLAIMER FOR CUSTOMERS

Please note that the information presented in this document provides an overview of the manufacturers and equipment that meet the required standards based on type-test certification. However, this does not constitute an endorsement or warranty of any kind, whether expressed, implied or statutory, including but not limited to warranties of title, merchantability, satisfactory quality, fitness for particular purpose, warranty for performance, professional advice, professional financial guidance, and shall not be relied upon as the only source of information for purchasing, contracting, investment decisions or for executing other binding agreements.

Last updated

Monday, September 12, 2022

PV MODULES		
Manufacturer name	Product ID	Description
Aleo Solar GmbH	S18JXXX	250-255W (in steps of 5) Poly crystalline Si
	S19LXXX	280-300W (in steps of 5) Mono crystalline Si
	S19JXXX	265-275W (in steps of 5) Mono crystalline Si
	P18JXXX	250-260W (in steps of 5) Poly crystalline Si
	P19XXX	280-295W (in steps of 5) Poly crystalline Si
	P19LXXX	290-300 W (in steps of 5) Mono crystalline Si
	P19JXXX	290 -300 W (in steps of 5) Mono crystalline Si
	S19LXXX	300-310 W (in steps of 5) Mono crystalline Si
	X59LXXX	300-310 W (in steps of 5) Mono crystalline Si
	X79LXXX	300-310 W (in steps of 5) Mono crystalline Si
Almaden MENA FZE	SEAM 18W - xxx	sc-Si, xxx= 70 - 85 ( in step of 5 )
	SEAM 18T - xxx	sc-Si, xxx= 70 - 85 ( in step of 5 )
	SEAM 36W - xxx	sc-Si, xxx= 145 - 175 ( in step of 5 )
	SEAM 36T - xxx	sc-Si, xxx= 145 - 175 ( in step of 5 )
	SEAM 40W - xxx	sc-Si, xxx= 155 - 195 ( in step of 5 )
	SEAM 40T - xxx	sc-Si, xxx= 155 - 195 ( in step of 5 )
	SEAM 42W - xxx	sc-Si, xxx= 155 - 205 ( in step of 5 )
	SEAM 42T - xxx	sc-Si, xxx= 155 - 205 ( in step of 5 )
	SEAM 48W - xxx	sc-Si, xxx= 180 - 230 ( in step of 5 )
	SEAM 48T - xxx	sc-Si, xxx= 180 - 230 ( in step of 5 )
	SEAM 50W - xxx	sc-Si, xxx= 200 - 240 ( in step of 5 )
	SEAM 50T - xxx	sc-Si, xxx= 200 - 240 ( in step of 5 )
	SEAM 54W - xxx	sc-Si, xxx= 205 - 260 ( in step of 5 )
	SEAM 54T - xxx	sc-Si, xxx= 205 - 260 ( in step of 5 )
	SEAM 60W - xxx	sc-Si, xxx= 225 - 290 ( in step of 5 )
	SEAM 60T - xxx	sc-Si, xxx= 225 - 290 ( in step of 5 )
	SEAM 66W - xxx	sc-Si, xxx= 250 - 320 ( in step of 5 )
	SEAM 66T - xxx	sc-Si, xxx= 250 - 320 ( in step of 5 )
	SEAM 72W - xxx	sc-Si, xxx= 275 - 350 ( in step of 5 )
	SEAM 72T - xxx	sc-Si, xxx= 275 - 350 ( in step of 5 )
	SEAP 18W - xxx	mc-Si, xxx= 70 - 85 ( in step of 5 )
	SEAP 18T - xxx	mc-Si, xxx= 70 - 85 ( in step of 5 )
	SEAP 36W - xxx	mc-Si, xxx= 145 - 170 ( in step of 5 )
	SEAP 36T - xxx	mc-Si, xxx= 145 - 170 ( in step of 5 )
	SEAP 40W - xxx	mc-Si, xxx= 155 - 185 ( in step of 5 )
	SEAP 40T - xxx	mc-Si, xxx= 155 - 185 ( in step of 5 )
	SEAP 42W - xxx	mc-Si, xxx= 155 - 195 ( in step of 5 )
	SEAC 72W - xxx	sc-Si,xxx= 375 - 390 ( in step of 5 )
	SEAC 72T - xxx	sc-Si,xxx= 375 - 390 ( in step of 5 )
	SEAC 72B - xxx	sc-Si,xxx= 375 - 390 ( in step of 5 )
	SEAC 60W - xxx	sc-Si,xxx= 315 - 330 ( in step of 5 )
	SEAC 60T - xxx	sc-Si, xxx= 315 - 330 ( in step of 5 )
	SEAC 60B - xxx	sc-Si,xxx= 315 - 330 ( in step of 5 )
	SEAC 72W - xxx	sc-Si, xxx= 375 - 395 ( in step of 5 )
	SEAC 72T - xxx	sc-Si, xxx= 375 - 395 ( in step of 5 )
	SEAC 72B - xxx	sc-Si, xxx= 375 - 395 ( in step of 5 )
	SEAC 60W - xxx	sc-Si, xxx= 315 - 330 ( in step of 5 )
	SEAC 60T - xxx	sc-Si, xxx= 315 - 330 ( in step of 5 )
	SEAC 60B - xxx	sc-Si, xxx= 315 - 330 ( in step of 5 )

PV MODULES		
Manufacturer name	Product ID	Description



Alternative Energy (AE) Solar GmbH.	AExxxM5-48 AExxxM5-60 AExxxM5-72 AExxxM5-96 AExxxM6-36 AExxxM6-48 AExxxM6-54 AExxxM6-60 AExxxM6-72 AExxxP6-36 AExxxP6-48 AExxxP6-54 AExxxP6-60 AExxxP6-72	mono c-Si 120 - 145W, in steps of 5 mono c-Si 150 - 180W, in steps of 5 mono c-Si 180 - 215W, in steps of 5 mono c-Si 240 - 290W, in steps of 5 mono c-Si 140 - 165W, in steps of 5 mono c-Si 185 - 225W, in steps of 5 mono c-Si 210 - 250W, in steps of 5 mono c-Si 230 - 280W, in steps of 5 mono c-Si 280 - 335W, in steps of 5 Poly-Si 135 - 160W, in steps of 5 Poly-Si 180 - 215W, in steps of 5 Poly-Si 205 - 245W, in steps of 5 Poly-Si 225 - 270W, in steps of 5 Poly-Si 270 - 325W, in steps of 5
Azimut	AZM606/xxxP AZM666/xxxP	210-275, in step of 5 Polycrystalline 245-300, in step of 5 Polycrystalline
AVANCIS GmbH	PowerMax 3.5	CIGS (130 - 145, in step of 5W)
Anhui Schutten Solar Energy Co.Ltd	STP6-XXX/72 STP6-XXX/60 STP6-XXX/54 STP6-XXX/48 STP6-XXX/36 STM6-XXX/72 STM6-XXX/60 STM6-XXX/54 STM6-XXX/48 STM6-XXX/36	sc-Si, mc-Si 245-300W, in steps of 5 sc-Si, mc-Si 205-250W, in steps of 5 sc-Si, mc-Si 185-225W, in steps of 5 sc-Si, mc-Si 165-200W, in steps of 5 sc-Si, mc-Si 125-150W, in steps of 5 sc-Si, mc-Si 245-300W, in steps of 5 sc-Si, mc-Si 205-250W, in steps of 5 sc-Si, mc-Si 185-225W, in steps of 5 sc-Si, mc-Si 165-200W, in steps of 5 sc-Si, mc-Si 125-150W, in steps of 5
Aplicaciones Tecnicas De La Energia S.L. (Atersa)	A-255P A-260P A-305P A-310P A-315P A-255M A-260M A-265M A-305M A-310M A-315M	Poly crystalline 255W Poly crystalline 260W Poly crystalline 305W Poly crystalline 310W Poly crystalline 315W Mono crystalline 255W Mono crystalline 260W Mono crystalline 265W Mono crystalline 305W Mono crystalline 310W Mono crystalline 315W
Axitec Energy GmbH & CO, KG	AC-260P/156-60S AC-275M/156-60S AC-310P/156-72S	Poly crystalline 260W Mono crystalline 275W Poly crystalline 310W
AUO TECHNOLOGY/ BENQ SOLAR	PM0968xxx-xxx	mc-si 320-335 W, in step of 5
BYD	BYD P6C-36 BYD P6C-30 BYD 340W P6C-36 BYD P6C-30	255-315 W sc-Si Poly crystalline 255-315 W sc-Si Poly crystalline MC-Si 340W/ 265-340W 255-315 W sc-Si Poly crystalline
BHEL	L20220P L24270P	Poly crystalline, ( 215-265 Wp ), in step of 1 Poly crystalline, (260 - 320 Wp), in step of 1
Calyxo GmbH	CX3-70 CX3-72 CX1 CX3 Cx3pro Cxpro/2	CdTe 70W CdTe 72W 70W-80W 72W-87W 72W-90W 80W-90W

PV MODULES		
Manufacturer name	Product ID	Description

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	CS6P250P	Poly crystalline-Si 250W
	CS6P255P	Poly crystalline-Si 255W
	CS6P260P	Poly crystalline-Si 260W
	CS6P260M	Monocrystalline silicon 260W
	CS6P265M	Monocrystalline silicon 265W
	CS6P270M	Monocrystalline silicon 270W
	CS6X305P	Poly crystalline-Si 305W
	CS6X310P	Poly crystalline-Si 310W
	CS6X315P	Poly crystalline-Si 315W
	CS6K-xxxP-FG	Poly crystalline-, xxx=260-275, in step of 5
	CS6X-xxxP-FG	Poly crystalline-, xxx= 315-330, in step of 5
	CS6K-XXX-MS	Mono-crystalline Silicon, xxx=290-300 W, in step of 5
	CS3K-xxxMS	Mono-crystalline Silicon, xxx=300-315W in step of 5
	CS3K-xxxP	Poly-crystalline Silicon, xxx=275-290W in step of 5
	CS3K-xxxP	Poly-crystalline Silicon, xxx= 285-300W, in step of 5

Canadian Solar	CS3U-xxxMS CS3U-xxxP CS3U-xxxP CS6K-xxxM CS6U-xxxM CS6K-xxxP CS6U-xxxP CS6K-XXX-P CS3U-xxxPB-FG CS3U-xxxMB-FG CS3W-xxxMS CS3W-xxxP CS3K-320MS CS3U-xxxP CS6K-xxxMS CS6U-xxxP CS3U-xxxP-FG CS3W-xxxMB-AG CS3W-xxxP CS3W-xxxMS CS3Y-XXXMS CS3Y-xxxMB-AG CS6W-xxxMS CS7L-xxxMS CS7N-xxxMS CS3W-xxxMB-AG CS7L-xxxMS-R	Mono-crystalline Silicon, xxx= 360-400W, in step of 5 Poly-crystalline Silicon, xxx= 330-345W, in step of 5 Poly-crystalline Silicon, xxx= 345-360W, in step of 5 Mono-crystalline Silicon, xxx= 275-290W, in step of 5 Mono-crystalline Silicon, xxx= 330-345W, in step of 5 Poly-crystalline Silicon, xxx= 310-325, in step of 5 Poly-crystalline Silicon, xxx= 325-340W, in step of 5 Poly-crystalline Silicon, xxx= 265-275W, in step of 5 Poly-crystalline Silicon, xxx=350-360 Wp in step of 5 Mono-crystalline Silicon, xxx=360-375 Wp in step of 5 Mono-crystalline Silicon, xxx=425-450 W, in step of 5 Poly-crystalline Silicon, xxx=390-415 Wp in step of 5 Mono-crystalline Silicon, 320 Wp Poly-crystalline Silicon, xxx=365-385 Wp in step of 5 Mono-crystalline Silicon, xxx=305-310 Wp in step of 5 Poly-crystalline Silicon, xxx=350-355 Wp in step of 5 Poly-crystalline Silicon, xxx=335-370 Wp in step of 5 mono-crystalline,xxx=420-445W, in step of 5 poly-crystalline,xxx=420-450W, in step of 5 mono-crystalline,xxx=455-460W, in step of 5 mono-crystalline,xxx=475-500W, in step of 5 mono-crystalline,xxx=465-490W, in step of 5 mono-crystalline,xxx=525-550W, in step of 5 mono-crystalline,xxx=xxx=580-605W, in step of 5 mono-crystalline,xxx=xxx=640-665W, in step of 5 Mono-crystalline Silicon,xxx=450-460W, in step of 5 Mono-crystalline Silicon,xxx=580-610W, in step of 5	
Caterpillar	PVT110 PVT115 PVT117	CdTe 110W CdTe 115W CdTe 117W	
Chinaland Solar energy Co.Ltd.	CHN250 - 60P CHN260 - 60P CHN300 - 72P CHN310 - 72P CHNXXX-72P CHNXXX-60P CHNXXX-72M CHNXXX-60M SUNxxx54M-H8 SUNxxx60MD-H65 SUNxxx60MD-H12S SUNxxx60M-H2 SUNxxx60M-H6 SUNxxx66MD-H12S SUNxxx66M-H2 SUNxxx72MD-H65 SUNxxx72MD-H8S SUNxxx72M-H6 SUNxxx72M-H8	sc-Si 250 W sc-Si 260 W sc-Si 300 W sc-Si 310 W Poly crystalline 315-335, in step of 5W Poly crystalline 265-280, in step of 5W Mono crystalline 330-350, in step of 5W Mono crystalline 275-290, in step of 5W (***=390-410, in steps of 5) (***=350-380, in steps of 5) (***=580-615, in steps of 5) (***=580-615, in steps of 5) (***=350-385, in steps of 5) (***=640-675, in steps of 5) (***=640-675, in steps of 5) (***=420-455, in steps of 5) (***=525-550, in steps of 5) (***=420-465, in steps of 5) (***=525-550, in steps of 5)	
Chint Solar (Zhejiang) Co., Ltd	CHSM6612P-XXX CHSM6612P-XXX CHSM6612P-xxx CHSM6610P-xxx CHSM6612P/(BL)-xxx CHSM6610P/(BL)-xxx CHSM6612M-xxx CHSM6610M-xxx CHSM6612M/(BL)-xxx CHSM6610M/(BL)-xxx CHSM72M (DG) /F-BH CHSM72M-HC CHSM 72M-HC -XXX CHSM60M-HC-XXX CHMS6612M/HV-XX CHSM6610M-XXX CHSM6612P-XXX CHSM6610P-XXX CHSM6612P/HV-XXX CHSM6610P/HV-XXX CHSM60P-HC-XXX CHSM72M(DG)-BH-XXX CHSM72M(DG)/F-BH-XXX	mc-Si 315, 320 W PC-Si 315-320-325-330-335-340 W mc-Si, 310-375W, in step of 5 mc-Si, 260-310W, in step of 5 mc-Si, 310-375W, in step of 5 mc-Si, 260-310W, in step of 5 sc-Si, 330-390W, in step of 5 sc-Si, 275-325W, in step of 5 sc-Si, 330-390W, in step of 5 sc-Si, 275-325W, in step of 5 sc-si, 440W-445W, in step of 5W sc-si, 445-450W, in step of 5W mono-si,xxx=330-455, in step of 5W mono-si,xxx=275-380, in step of 5W mono-si,xxx=330-390, in step of 5W mono-si,xxx=275-335, in step of 5W mono-si,xxx=310-390, in step of 5W mono-si,xxx=260-310, in step of 5W mono-si,xxx=310-375, in step of 5W mono-si,xxx=260-310, in step of 5W mono-si,xxx=260-335, in step of 5W mono-si,xxx=365-455, in step of 5W mono-si,xxx=365-455, in step of 5W	

	CHSM72M(DGT)-BH-XXX CHSM72M(DGT)/F-BH-XXX CHSM60M(DG)/F-BH-XXX CHSM60M(DGT)/F-BH-XXX CHSM72M(DG)F-BH CHSM72M-HC CHSM72M(DG)/F-BH CHSM72M-HC CHSM66M(DG)/F-BH CHSM66M-HC	mono-si,xxx=355-445 , in step of 5W mono-si,xxx=355-445 , in step of 5W mono-Si ,xxx=305-380 w, in step of 5W mono-si,xxx=295-370 , in step of 5W sc-si,xxx=535-540W , in step of 5W sc-si, xxx=540-555 in step of 5W Sc-Si xxx=535-540W, in step of 5W Sc-Si xxx=530-550W, in step of 5W Sc-Si xxx=645-660W,in step of 5W Sc-Si xxx=650-665W, in step of 5W
Changzhou EGing Photovoltaic Technology Co., Ltd.	EG-xxxM60-C EG-xxxM72-C EG-xxxP60-c EG-xxxP72-c EG-XXXM84-HEV EG-XXXM78-HEV EG-XXXM72-HEV EG-XXXM60-HEV EG-XXXM72-HLV EG-XXXM60-HLV EG-XXXM54-HLV EG-XXXM66-HUV EG-XXXM60-HUV EG-XXXM54-HUV EG-XXXM84-HE/BF-DG EG-XXXM78-HE/BF-DG EG-XXXM72-HE/BF-DG EG-XXXM60-HE/BF-DG EG-XXXM72-HL/BF-DG EG-XXXM60-HL/BF-DG EG-XXXM54-HL/BF-DG EG-XXXM66-HU/BF-DG EG-XXXM60-HU/BF-DG EG-XXXM54-HU/BF-DG	Mono-crystalline Silicon 200-320W Mono-crystalline Silicon 240-385W Poly-crystalline Silicon 200-290W Poly-crystalline silicium 235-350W xxx=500-535, in steps of 5, 168 cells xxx=465-495, in steps of 5, 156 cells xxx=425-460, in steps of 5, 144 cells xxx=350-380, in steps of 5, 120 cells xxx=510-550, in steps of 5, 144 cells xxx=425-465, in steps of 5, 120 cells xxx=385-425, in steps of 5, 108 cells xxx=640-670, in steps of 5, 132 cells xxx=540-620, in steps of 5, 120 cells xxx=490-555, in steps of 5, 108 cells xxx=500-535, in steps of 5, 168 cells xxx=465-495, in steps of 5, 156 cells xxx=425-460, in steps of 5, 144 cells xxx=350-380, in steps of 5, 120 cells xxx=510-550, in steps of 5, 144 cells xxx=425-465, in steps of 5, 120 cells xxx=385-425, in steps of 5, 108 cells xxx=640-675, in steps of 5, 132 cells xxx=540-605, in steps of 5, 120 cells xxx=490-545, in steps of 5, 108 cells
CW Enerji	CWTXXX-72P CWTXXX-60P CWTXXX-72PM CWTXXX-60PM	Poly Crystalline, xxx=305-335W, in step of 5 Poly Crystalline, xxx=260-280W, in step of 5 Mono Crystalline (PERC), xxx=265-385W, in step of 5 Mono Crystalline (PERC), xxx=220-320W, in step of 5
RECOM AG	RCM-xxx-6MB RCM-xxx-6PB RCM-xxx-6PB RCM-xxx-6PB-c-de-f RCM-xxx-6PA-SW RCM-xxx-6PA-SW RCM-xxx-6PA-SW	MONO-Si 250-280W Poly-Si 240-260W sc-Si 240-280W sc-Si 240-280 290 to 305 W , in step of 5 310 to 340 W, in step of 5 345 to 350 W, in step of 5
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
duSol	DS60250W DS72300W DS60270W DS60260W DS72200W DS72225W DS72175W DS36150W DS36100W DS36125W DS3675W DS3650w DS3640w DS572xxxM DS572xxxM DS560xxxM DS536xxxM DS572xxx DS560xxx DS536xxx DS536xxx	Mc-Si 250W Mc-Si 300W MC-Si 270W Mc-Si 260W Mc-Si 200W Mc-Si 225W Mc-Si 175W MC-Si 150W Mc-Si 100W Mc-Si 125W Mc-Si 75W Mc-Si 50W Mc-si 40w sc-si,xxx=311W sc-si,xxx=315-380W, in step of 5W sc-si,xxx=260-315W , in step of 5W sc-si,xxx=155-190W , in step of 5W sc-si,xxx=293, 295-355,358W , in step of 5W sc-si,xxx=245-295W , in step of 5W sc-si ,xxx=179W sc-si,xxx=150-175W , I step of 5W
	DCH-68M1/60 DCH-68M1/72 DCH-6M/60	Sc-Si,xxx=300-325W (in step of 5 ) Sc-Si,xxx=360-390W (in step of 5 ) Sc-Si,xxx=270-295W (in step of 5 )

DCH Energy GmBH	DCH-6M1/60 DCH-6M1/72 DCH-6P/60 DCH-6P/72 DCH-H6BM1/60 DCH-H6BM1/72 DCH-H6M1/60 DCH-H6M1/72	Sc-Si,xxx=290-315W (in step of 5) Sc-Si,xxx=345-380W (in step of 5) Sc-Si,xxx=260-285W (in step of 5) Sc-Si,xxx=310-345W (in step of 5) Sc-Si,xxx=310-330W (in step of 5) Sc-Si,xxx=370-395W (in step of 5) Sc-Si,xxx=295-320W (in step of 5) Sc-Si,xxx=350-385W (in step of 5)
Desert Technologies Factory CJSC	DTMPxxx-60/5BB.BLK	sc-Si,xxx=285-295W, in step of 5W
ECONESS ENERGY	EN156-M-60-265 EN156-M-72-315 EN156-P-60-250 EN156M-60-XXX EN156M-72-XXX EN156P-60-XXX EN156P-72-XXX EN156-P-72-300	Mono crystalline 265W Mono crystalline 315W Poly crystalline 250W SC-Si,215W-280W (in step of 5) SC-Si,260W-340W (in step of 5) MC-Si,210W-280W (in step of 5) MC-Si,255W-340W (in step of 5) Poly crystalline 300W
Eging Photovoltaic Technology Co.Ltd	EG-xxxP60-C EG-xxxP72-C	Sc-Si 200-255W Sc-Si 245-305W
Einnova Solarline	ES-P672xxxYZ	Sc-Si 250/260/300/310 W
ET solar Industry limited	ET-P660 Series ET-P672 Series ET-M660 Series ET-M672 Series	Poly-Si 250-265W Poly-Si 300-315W Mono-si 255-270W Mono-si 305-320W
EMMVEE Photovoltaic power private Limited	EXXXP72 EXXXP60 EXXXM72 EXXXM60	mc-Si, Mono Perc , xxx=295-335W mc-Si, Mono Perc , xxx=240-280W sc-Si, Mono Perc ,xxx=375-395W , in step of 5W sc-Si, Mono Perc ,xxx=310-325W , in step of 5W
First Solar	FS-4110-2 FS-4107A-2 FS-4110A-2 FS-4112A-2 FS-4112-2 FS-4105A-2 FS-4107-2 FS-4102A-2 FS-4105-2 FS-4102-2 FS-4xxx-3 FS-4xxxA-3 FS-6xxx FS-6xxxA	Cd-Te 110W Cd-Te 107.5W Cd-Te 110W Cd-Te 112.5W Cd-Te 112.5W Cd-Te 105W Cd-Te 107.5W Cd-Te 102.5W Cd-Te 105W Cd-Te 102.5W CdTe 105 - 122.5 W CdTe 105 - 122.5W CdTe 420-445 W, in 5W steps CdTe 420-445 W, in 5W steps
Futurasun	FUXXXM FUXXXM FUXXXP FUXXXP	sc-Si 300-315 Wp sc-Si 245-260 W mc-Si 240-265 Wp mc-Si 295-305 Wp
GCL System Integration Technology Co., Ltd	GCL-P6/72-310 GCL-P6/60-xxx GCL-M6/72HXXX GCL-P6/72HXXX GCL-P6/72-xxx GCL-M6/72GDFxxx	mc-Si 310 W mc-si 260-285W, in step of 5 sc-Si , 365~390W, 0~+5W mc-Si, 335~370W, 0~+5W mc-Si 310-330W, in step of 5 c-Si, 325-390W, in step of 5
General Energy Solutions	7NAC000-06Axxx 7NAC000-06Cxxx 7NAC001-06Axxx 7NAC001-06Cxxx 7NAE001-06Axxx 7NAE001-06Cxxx	mc-Si 215-275W mc-Si 255-330W mc-Si 195-295W mc-Si 235-350W sc-Si 220-300W sc-Si 245-360W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Gintung Energy Corp	GTEC-xxxG6S66 GTEC-xxxG6S68 GTEC-xxxG6S69 GTEC-xxxG6S6A GTEC-xxxG6S6B GTEC-xxxG6S GTEC-xxxG6M66 GTEC-xxxG6M68 GTEC-xxxG6M69 GTEC-xxxG6M6A GTEC-xxxG6M6B	Sc-Si 140-175W ,in steps of 5 Sc-Si 190-235 W,in steps of 5 Sc-Si 210-265 W,in steps of 5 Sc-Si 230-295 W,in steps of 5 Sc-Si 260-325 W ,in steps of 5 Sc-Si 280-355 W,in steps of 5 Mc-Si 140-175 W,in steps of 5 Mc-Si 190 - 235 W,in steps of 5 Mc-Si 210 - 265 W,in steps of 5 Mc-Si 230-295 W,in steps of 5 Mc-Si 260-325 W,in steps of 5

	GTEC-xxxG6M	Mc-Si 280-355 W, in steps of 5
GreenBrilliance Energy Pvt. Ltd	GB54P6-XXX GB60P6-XXX GB72P6-XXX	mc-Si 185-225 Wp, in steps of 5 mc-Si 230-250 Wp, in steps of 5 mc-Si 250-300 Wp, in steps of 5
Goldi Solar PVT. LTD	GOLDI032FXXXXPY12 GOLDI036FXXXXPY12 GOLDI048FXXXXPY12 GOLDI054FXXXXPY12 GOLDI060FXXXXPY24 GOLDI066FXXXXPY24 GOLDI072FXXXXPY24 GOLDI060FXXXXPRC24 GOLDI072FXXXXPRC24 GOLDI060FxxxxPRC24 GOLDI072FxxxxPRC24	Sc-Si 140 to 150 Wp, in steps of 5 Sc-Si 155 to 170 Wp, in steps of 5 Sc-Si 210 to 225 Wp, in steps of 5 Sc-Si 235 to 255 Wp, in steps of 5 Sc-Si 260 to 285 Wp, in steps of 5 Sc-Si 290 to 310 Wp, in steps of 5 Sc-Si 315 to 350 Wp, in steps of 5 Monocrystalline, PERC, 310 to 315 Wp, in steps of 5 Monocrystalline, PERC, 380 to 390 Wp, in steps of 5 Monocrystalline-PERC, xxx=320-325Wp, in steps of 5 Monocrystalline-PERC, xxx=395-400Wp, in steps of 5W
HanwhaSolarOne (Qidong) Co., Ltd	HSL72P6-PC-1-XXX HSL60P6-PC-1-XXX	mc-Si (multicrystalline) 250-270 W, in steps of 5 mc-Si (multicrystalline) 290-310 W, in steps of 5
	Q.PEAK DUO XL-G10.3 Q.PEAK DUO L-G6.3	475wp - 495 W in step of 5W 430-435W, in step fo 5W
Hangzhou Sunny Energy Science & Technology	ZDNY-xxxC54 ZDNY-xxxC60 ZDNY-xxxC72 ZDNY-xxxCB54 ZDNY-xxxCB60 ZDNY-xxxCB72 ZNDY-xxxP54 ZNDY-xxxP60 ZNDY-xxxP72	sc-Si 190-250W, in steps of 5 sc-Si 210-275W, in steps of 5 sc-Si 255-330W, in steps of 5 sc-Si 190-235W, in steps of 5 sc-Si 210-260W, in steps of 5 sc-Si 255-310W, in steps of 5 mc-Si 180-250W, in steps of 5 mc-Si 200-275W, in steps of 5 mc-Si 245-330W, in steps of 5
Hollandia Power Solutions Inc.	HPS0xxxP-28 HPS0xxxP-32 HPS0xxxP-36 HPS0xxxP-48 HPS0xxxP-54 HPS0xxxP-60 HPS0xxxP-72 HPS0xxxM-28 HPS0xxxM-32 HPS0xxxM-36 HPS0xxxM-48 HPS0xxxM-54 HPS0xxxM-60 HPS0xxxM-72 HPS0xxxD-16 HPS0xxxD-20 HPS0xxxD-24 HPS0xxxD-28 HPS0xxxD-32 HPS0xxxD-36 HPS0xxxD-40 HPS0xxxD-72 HPS0xxxD-84	mc-Si 105 W, 110 W mc-Si 120W , 125W mc-Si 140W, 145W mc-Si 160 - 210 W, in steps of 5 mc-Si 180 - 235 W, in steps of 5 mc-Si 200 - 260 W, in steps of 5 mc-Si 240 - 345W, in steps of 5 sc-Si 105 - 125 W, in steps of 5 sc-Si 120 - 145 W, in steps of 5 sc-Si 135 - 160 W, in steps of 5 sc-Si 170 - 215 W, in steps of 5 sc-Si 190 - 240 W, in steps of 5 sc-Si 210 - 270 W, in steps of 5 sc-Si 250 - 350 W, in steps of 5 sc-Si 040 - 045 W, in steps of 5 sc-Si 050 - 060 W, in steps of 5 sc-Si 060 - 070 W, in steps of 5 sc-Si 065 - 080 W, in steps of 5 sc-Si 075 - 095 W, in steps of 5 sc-Si 080 - 105 W, in steps of 5 sc-Si 090 - 120 W, in steps of 5 sc-Si 155 - 215 W, in steps of 5 sc-Si 165 - 250 W, in steps of 5
HYUNDAI Heavy Industries (HHI)	HIS-SxxxRG (BK) HIS-SxxxRF (BK) HIS-SxxxRI HIS-MxxxRG (BK) HIE-SxxxUH HIE-SxxxUF HIE-SxxxVI HIE-SxxxVG	Sc-Si 245-285W Sc-Si 225-255W Sc-Si 300-345W Mc-Si   240-270W Sc-si,xxx=445- 480W , in step of 5W Sc-si,xxx=370- 400W , in step of 5W Sc-si,xxx=460-500W , in step of 5W Sc-si,xxx=385-415W, in step of 5W
HECKERT Solar GmbH (Gilco)	MEMO 60 P255 19 MEMO 60 P260 19 MEMO 60 P265 19 MEMO 60 P270 19 MEMO 60 P275 19	sc-si 255W sc-si 260W sc-si 265W sc-si 270W sc-si 275W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
	DMxxx-M156-72	Monocrystalline Sillion (xxx=320 to 360 in step of 5)
	DMxxx-M156-60	Monocrystalline Sillion (xxx=270 to 300 in step of 5)
	DMxxx-P156-72	Poly crystalline(xxx=310 to 350 in step of 5)
	DMxxx-P156-60	Poly crystalline(xxx=250 to 290 in step of 5)
	DMxxxM6-60HSW-V	Sc-Si,xxx=345-375

DMxxxM6-60HBW-V	Sc-Si,xxx=345-375
DMxxxM6-72HSW-V	Sc-Sj, xxx=415-450
DMxxxM6-72HBW-V	Sc-Si, xxx=415-450
DMxxxM10-60HSW-V	Sc-Si, xxx=445-460
DMxxxM10-60HBW-V	Sc-Si, xxx=445-460
DMxxxM10-72HSW-V	Sc-Si, xxx=535-555
DMxxxM10-72HBW-V	Sc-Si, xxx=535-555
DMxxxM6-B60HSW	Sc-Sj, xxx=350-370
DMxxxM6-B60HST (xxx=350-370)	Sc-Si, xxx=350-370
DMxxxM6-B60HBT (xxx=350-370)	Sc-Si, xxx=350-370
DMxxxM6-B60HBW (xxx=350-370)	Sc-Si, xxx=350-370
DMxxxM6-B72HSW (xxx=420-445)	Sc-Si, xxx=420-445
DMxxxM6-B72HST (xxx=420-445)	Sc-Si, xxx=420-445
DMxxxM6-B72HBT (xxx=420-445)	Sc-Si, xxx=420-445
DMxxxM6-B72HBW (xxx=420-445)	Sc-Si, xxx=420-445
DMxxxM10-B54HSW (xxx=395-410)	Sc-Si, xxx=395-410
DMxxxM10-B54HST (xxx=395-410)	Sc-Si, xxx=395-410
DMxxxM10-B54HBT (xxx=395-410)	Sc-Si, xxx=395-410
DMxxxM10-B54HBW (xxx=395-410)	Sc-Si, xxx=395-410
DMxxxM10-B60HSW (xxx=440-455)	Sc-Si, xxx=440-455
DMxxxM10-B60HST (xxx=440-455)	Sc-Si, xxx=440-455
DMxxxM10-B60HBT (xxx=440-455)	Sc-Si, xxx=440-455
DMxxxM10-B60HBW (xxx=440-455)	Sc-Si, xxx=440-455
DMxxxM10-B72HSW (xxx=525-550)	Sc-Si, xxx=525-550
DMxxxM10-B72HST (xxx=525-550)	Sc-Si, xxx=525-550
DMxxxM10-B72HBT (xxx=525-550)	Sc-Si, xxx=525-550
DMxxxM10-B72HBW (xxx=525-550)	Sc-Sj, xxx=525-550

HENGDIAN GROUP,DMEGC CO.,LTD

Q.PRIME L-G5	Mono-Crystalline 335 - 345 (in step of 5 Wp)
Q.PRIME-G5	Mono-Crystalline 280 - 290 (in step of 5)
Q.POWER-G5	poly-crystalline 265 - 275 (in step of 5)
Q.PEAK G4 (60 Cells)	Sc-Si, 300-310 ( in step of 5 )
Q.PEAK L_G4 (72 Cells)	Sc-Si, 345-360 ( in step of 5 )
Q.PLUS G4 (60 Cells)	mc-Si, 270-280 ( in step of 5 )
Q.PLUS L_G4 (72 Cells)	mc-Si, 330-340 ( in step of 5 )
Q.PEAK G4 (60 Cells)	Sc-Si, 300-310 ( in step of 5 )
Q.PEAK L_G4 (72 Cells)	Sc-Si, 345-360 ( in step of 5 )
Q.PLUS G4 (60 Cells)	mc-Si, 270-280 ( in step of 5 )
Q.PEAK G4 (60 Cells)	sc-Si,300~310wp (in step of 5wp)
Q.PEAK L_G4 (72 Cells)	sc-Si,345~360wp (in step of 5wp)
Q.PLUS G4 (60 Cells)	mc-si,270~280wp (in step of 5wp)
Q.PLUS L_G4 (72 Cells)	mc-si,330~340wp (in step of 5wp)
Q.PLUS L_G4 (72 Cells)	mc-Si, 330-340 ( in step of 5 )
Q.Power LG-5	Poly-crystalline 315-330W, in step of 5
Q.PEAK L-G5	Monocrystalline, 355-370 Wp, in step of 5
Q.PEAK-G5.0.G	Monocrystalline, 295-310 Wp, in step of 5
Q.PEAK BLK-G4.1	sc-Si, Mono, PERC(Q,ANTUM),290-305Wp, in step of 5
Q.PEAK BLK-G4.4	sc-Si, Mono, PERC, 300-310Wp, in step of 5
Q.PEAK-G4.1	sc-Si, Mono, PERC(Q,ANTUM), 300-320 Wp, in step of 5
Q.PEAK-G4.2	sc-Si, Mono, PERC(Q,ANTUM), 300-310 Wp, in step of 5
Q.PEAK-G4.4	sc-Si, Mono, PERC, 295-315 Wp, in step of 5
Q.PEAK-G4.5	sc-Si, Mono, PERC, 295-315 Wp, in step of 5
Q.PEAK L-G4.1	sc-Si, Mono, PERC(Q,ANTUM), 360-370 Wp, in step of 5
Q.PEAK L-G4.2	sc-Si, Mono, PERC(Q,ANTUM),360-370 Wp, in step of 5
Q.PEAK L-G4.4	sc-Si, Mono, PERC, 355-375 Wp, in step of 5
Q.PEAK L-G4.5	sc-Si, Mono, PERC, 355-375 Wp, in step of 5
Q.PEAK DUO-G5	sc-Si, Mono, PERC(Q,ANTUM), Half-Cell , 315-355 Wp, in step of 5
Q.Peak DUO L G8.3	sc-si, xxx=430 W

Hanwha Q.CELLS

CP21-66HTXXXW	Sc-Si, XXX=635-665, in step of 5W
CP21-60HTXXXW	Sc-Si, XXX=580-605, in step of 5W
CP18-72HTXXXW	Sc-Si, XXX=525-575, in step of 5W
CP18-66HTXXXW	Sc-Si, XX=485-525, in step of 5W
CP18-60HTXXXW	Sc-Si,XXX=440-480, in step of 5W
CP18-54HTXXXW	Sc-Si,XXX=390-430, in step of 5W
CP17-72HTXXXW	Sc-Si,XXX=425-455, in step of 5W
CP17-60HTXXXW	Sc-Si,XXX=355-375, in step of 5W
CP21-66HXXXW	Sc-Si, XXX=630-665, in step of 5W
CP21-60HXXXW (XXX=575-605)	Sc-Si, XXX=575-605, in step of 5W
CP21-55HXXXW (XXX=525-555)	Sc-Si, XXX=525-555, in step of 5W
CP21-50HXXXW (XXX=480-500)	Sc-Si, XXX=480-500, in step of 5W
CP21-40HXXXW (XXX=385-400)	Sc-Si, XXX=385-400, in step of 5W
CP18-72HXXXW (XXX=520-575)	Sc-Si, XXX=520-575, in step of 5W
CP18-66HXXXW (XXX=480-525)	Sc-Si, XXX=480-525, in step of 5W

Hanersun Technology Co, Ltd



	CP18-60HXXXW (XXX=435-480) CP18-54HXXXW (XXX=390-430) CP17-72HXXXW (XXX=420-450) CP17-60HXXXW (XXX=355-375) CP18-72HBXXXW (XXX=520-540) CP18-66HBXXXW (XXX=480-495) CP18-60HBXXXW (XXX=435-450) CP18-54HBXXXW (XXX=390-405) CP17-72HBXXXW (XXX=410-430) CP17-60HBXXXW (XXX=340-355)	Se-Si, XXX=435-480, in step of 5W Se-Si, XXX=390-430, in step of 5W Se-Si, XXX=420-450, in step of 5W Se-Si, XXX=355-375, in step of 5W Se-Si, XXX=520-540, in step of 5W Se-Si, XXX=480-495, in step of 5W Se-Si, XXX=435-450, in step of 5W Se-Si, XXX=390-405, in step of 5W Se-Si, XXX=410-430, in step of 5W Se-Si, XXX=340-355, in step of 5W
Himin Clean Energy Holdings	450W-HG 450S 460W-HG 460S 470W-HG 470S 540W-HG 540S 545W-HG545S	Se-Si,XXX=450, in step of 5W Se-Si,XXX=460, in step of 5W Se-Si,XXX=470 in step of 5W Se-Si,XXX=540 in step of 5W Se-Si,XXX=545 in step of 5W
Infinty New Energy Co., Ltd	INE-xxx-6PA INE-xxx-6PB INE-xxx-6PC INE-xxx-6PD	Sc-Si(poly), 300 - 340 W, in step of 5 Sc-Si(poly), 250-280 W, in step of 5 Sc-Si(poly), 225-255 W, in step of 5 Sc-Si(poly), 200-225 W, in step of 5
JA Solar	JAM6-48-XXX/PR JAM6-60/72-XXX/PR JAP6-60/72-XXX/4BB JAM6(L)-60/72-XXX/4BB JAM6-72-XXX/SI JAP6-60/72-XXX/3BB JAP6(K) 60/72 4BB JAP6(K)(DG) 60/72 4BB/1500V JAM6(K)(DG) 60-72 4BB/1500V JAM72D00 - xxx/PR JAM72D00 - xxx/SC JAM60D00 - xxx/PR JAM72D00 - xxx/SC JAM72S01 - xxx/SC JAM72S01 - xxx/PR JAM6(K)(DG) 60/72/PR/1500 JAM60S01 - xxx/SC JAM60S01 - xxx/PR JAP72D00 - xxx/SC JAP72D00 - xxx/SC JAP72S01 - xxx/SC JAP72S01 - xxx/PR JAP60S01 - xxx/SC JAP60S01 - xxx/PR JAM72D00-xxx/BP JAP72S01-xxx/SC JAM72D00-xxx/ PR JAM72S01-xxx/ PR JAP60S03-xxx/ SC JAM78S10-xxx/ MR JAM78D10-xxx/ MB JAM72D30 505-555/ MB JAM72S30 510-555/MR JAM78D30 580-605/MB JAM78S30 580-605/MR JAM72S30 xxx/GR 540W-555W JAM72D30 xxx/GB 540W-550W JAM78D30 585-590/GB JAM78S30 585-600/GR	(xxx=220-230) Mc-Si (xxx=285-295/335-350)Mc-Si (xxx=270-275/315-325) Polychristaline - Si (xxx=270-280/320-330)Mc-Si (xxx=285-325W) Mc-Si (xxx=260-275/310-325) Polychristaline-Si (xxx=255-275/305-325) Polychristaline-Si (xxx=255-275/310-325) Polychristaline-Si (xxx=260-285/325-340) Mono crystalline (xxx=330-360) Mono crystalline (xxx=320-340) Mono crystalline (xxx=285-300) Mono crystalline (xxx=265-280) Mono crystalline (xxx=320-340) Mono crystalline (xxx=345-365) Mono crystalline (xxx=270-295/330-350) Mono crystalline (xxx=265-280) Mono crystalline (xxx=285-300) Mono crystalline (xxx=310-330)Poly-crystalline (xxx=260-270)Poly-crystalline (xxx=305-330)Poly-crystalline (xxx=305-345)Poly-crystalline (xxx=255-280)Poly-crystalline (xxx=275-285)Poly-crystalline mono crystalline-Si, 340-390 W in step of 5 poly crystalline-Si, 305-340 W in step of 5 mono crystalline-Si, 330-375 in step of 5 mono crystalline-Si, 325-380 in step of 5 poly crystalline-Si, 270-290 W in step of 5 mono crystalline-Si,445-455W , in step of 5W mono crystalline-Si,440-450W , in step of 5W mono crystalline-Si,505-555W , in step of 5W mono crystalline-Si,510-555W , in step of 5W mono crystalline-Si,580-605W , in step of 5W mono crystalline-Si,580-605W , in step of 5W Mc-Si= 540-550W, in step of 5W Mc-Si= 540-550W, in step of 5W Mc-Si=585-595W Mc-Si=585-600W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
	JAP72S03-xxx/ SC JAM72D09-xxx/ BP JAM60D09 -xxx/ BP JAM60S09-xxx/ PR JAM60S10-xxx/ PR JAM72S09-xxx/ PR JAM72S10-xxx/ PR JAP60S09-xxx/ SC JAP60S10-xxx/ SC JAP72S09-xxx/ SC JAP72S10-xxx/ SC	poly crystalline-Si, 320-345 W in step of 5 mono crystalline-Si,370-385W in step of 5 mono crystalline-Si,305-320W in step of 5 mono crystalline-Si,310-325W in step of 5 mono crystalline-Si,320-330W in step of 5 mono crystalline-Si,375-390W in step of 5 mono crystalline-Si,390-400W in step of 5 poly crystalline-Si,270-280W in step of 5 poly crystalline-Si,275-290W in step of 5 poly crystalline-Si,325-340W in step of 5 poly crystalline-Si,335-350W in step of 5

JA Solar	<p>JAM72D09-xxx/ BP  JAM60D09-xxx/ BP  JAM60S01-xxx/ PR  JAM60D00-xxx/ PR  JAM60S03-xxx/ PR  JAM72D09-xxx/ BP  JAM60D09 -xxx/ BP  JAM60S09-xxx/ PR  JAM60S10-xxx/ PR  JAM72S09-xxx/PR  JAM72S10-xxx/ PR  JAM60S10-xxx/ MR  JAM72S10-xxx/ MR  JAM78S10-xxx/ MR  JAM66S10-xxx/ MR  JAM72D10-xxx/ MB  JAM60D10-xxx/ MB  JAM6(K)-72-xxx/PR  JAM6(K)-72-xxx/PR  JAM60D20-xxx/ MB  JAM60S20-xxx/ MR  JAM72D20-xxx/ MB  JAM72S20-xxx/ MR  JAM66D30-xxx/MB  JAM66S30-xxx/MR  JAM72D30-xxx/MB  JAM72S30-xxx/MR</p>	<p>mono crystalline-Si,370-385W in step of 5  mono crystalline-Si,305-320W in step of 5  mono crystalline-Si, 280-315 W in step of 5  mono crystalline-Si, 270-315 W in step of 5  mono crystalline-Si, 295-335 W in step of 5  mono crystalline-Si, 405 W  mono crystalline-Si, 325W-345W in step of 5  mono crystalline-Si, 390W-420W in step of 5  mono crystalline-Si, 425W-440W in step of 5  mono crystalline-Si, 345W-380W in step of 5  mono crystalline-Si, 390W-410W in step of 5  mono crystalline-Si, 320W-340W in step of 5  mono crystalline-Si, 390-420W in step of 5  mono crystalline-Si, 425-440W in step of 5  mono crystalline-Si, 345-380W in step of 5  mono crystalline-Si, 390-410W in step of 5  mono crystalline-Si, 320-340W in step of 5  mono-crystalline 345-360, in step of 5W  mono-crystalline 285-300 in step of 5W  mono crystalline-Si,xxx=355-385W , in step of 5W  mono crystalline-Si,xxx=355-385W , in step of 5W  mono crystalline-Si,xxx=430-465W ,in step of 5W  mono crystalline-Si,xxx=430-470W ,in step of 5W  mc-si,xxx=465-500W, in step of 5W  mc-si,xxx=470-505W , in step of 5W  mc-si,xxx=505-545W , in step of 5W  mc-si,xxx=510-550W , in step of 5W</p>
JAKSON Engineers Limited	<p>JP-AXB (A=24; B=270-330)  JP-AXB (A=24; B=240-280)  JP-AXB (A=24; B=200-230)  JP-AXB (A=24; B=175-200)  JP-AXB (A=24; B=150-175)  JP-AXB (A=24; B=120-140)  JP-AXB (A=24; B=100-115)  JP-AXB (A=24; B=220-290)  JP-AXB (A=24; B=200-235)  JP-AXB (A=24; B=165-190)  JP-AXB (A=24; B=145-170)  JP-AXB (A=24; B=125-140)  JP-AXB (A=24; B=100-120)  JP-AXB (A=12; B=270-330)  JP-AXB (A=12; B=240-280)  JP-AXB (A=12; B=200-230)  JP-AXB (A=12; B=175-200)  JP-AXB (A=12; B=150-175)  JP-AXB (A=12; B=120-140)  JP-AXB (A=12; B=100-115)  JP-AXB (A=12; B=200-260)  JP-AXB (A=12; B=180-215)  JP-AXB (A=12; B=130-175)  JP-AXB (A=12; B=120-140)  JP-AXB (A=12; B=100-110)  JP-AXB (A=12; B=90-95)  JP-AXB (A=12; B=80-90)  JP-AXB (A=12; B=74-80)  JP-AXB (A=12; B=60-65)  JP-AXB (A=12; B=50-55)  JP-AXB (A=12; B=37-45)  JP-AXB (A=12; B=24-30)  JP-AXB (A=12; B=18-22)  JP-AXB (A=12; B=13-17)  JP-AXB (A=12; B=10-12)  JH-XXX M(XXX=250 -600 )</p>	<p>270-330 Multi c-Si  240-280 Multi c-Si  200-230 Multi c-Si  175-200 Multi c-Si  150-175 Multi c-Si  120-140 Multi c-Si  100-115 Multi c-Si  220-290 Multi c-Si  200-235 Multi c-Si  165-190 Multi c-Si  145-170 Multi c-Si  125-140 Multi c-Si  100-120 Multi c-Si  270-330 Multi c-Si  240-280 Multi c-Si  200-230 Multi c-Si  175-200 Multi c-Si  150-175 Multi c-Si  120-140 Multi c-Si  100-115 Multi c-Si  200-260) Multi c-Si  180-215 Multi c-Si  130-175 Multi c-Si  120-140 Multi c-Si  100-110 Multi c-Si  90-95 Multi c-Si  80-90 Multi c-Si  74-80 Multi c-Si  60-65 Multi c-Si  50-55 Multi c-Si  37-45 Multi c-Si  24-30 Multi c-Si  18-22 Multi c-Si  13-17 Multi c-Si  10-12 Multi c-Si  Mc-Si,250 -600 W , in step of 5W</p>
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
	JKMxxxPP-60	mc-Si, 210-280 W, in steps of 5 W
	JKMxxxPP-72	mc-Si, 250-335 W, in steps of 5 W
	JKMxxxPP-60-V	mc-Si, 210-280 W, in steps of 5 W
	JKMxxxPP-72-V	mc-Si, 250-340 W, in steps of 5 W
	JKMxxxM-60	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-60H	sc-Si, 325-340 W, in step of 5 W
	JKMxxxM-72	sc-Si, 375-410 W, in step of 5 W

Jinko Solar

JKMxxxM-72H  
JKMxxxM-60-V  
JKMxxxM-60H-V  
JKMxxxM-60H-TV  
JKMxxxM-72-V  
JKMxxxM-72H-V  
JKMxxxM-72H-TV  
JKMxxxM-60-DV  
JKMxxxM-60H-DV  
JKMxxxM-60H-BDVP  
JKMxxxM-72-DV  
JKMxxxM-72H-DV  
JKMxxxM-72H-BDVP  
JKMxxxM-60-BDVP  
JKM320-340N-60H-TV  
JKM390-410N-72H-TV  
JKMxxxM-72-BDVP  
JKMxxxM-6RL3-V  
JKMxxxM-6RL3-TV  
JKMxxxM-7RL3-V  
JKMxxxM-7RL3-TV  
JKMxxxM-66H-V  
JKMxxxM-66H-TV  
JKMxxxM-78H-V  
JKMxxxM-78H-TV  
JKMxxxM-72H-MBB-BDVP  
JKMxxxM-60HL4-V  
JKMxxxM-72HL4-V  
JKMxxxM-72HL4-TV  
JKMxxxM-6TL4-V  
JKMxxxM-7TL4-V  
JKMxxxM-7TL4-TV  
JKMxxxM-7RL4-V  
JKMxxxM-7RL4-TV  
JKMxxxM-7RL3-BDVP  
JKMxxxM-72HL4-BDVP  
JKMxxxM-72HLM-BDVP  
JKMxxxM-60HLM-V  
JKMxxxM-72HLM-V  
JKMxxxM-72HL4-V  
JKMxxxM-72HL4-V  
JKMxxxM-72HL4-V  
JKMxxxN-54HL4-V  
JKMxxxN-60HL4-V  
JKMxxxN-66HL4-V  
JKMxxxN-72HL4-V  
JKMxxxN-78HL4-V  
JKMxxxN-54HL4-V  
JKMxxxN-60HL4-V  
JKMxxxN-72HL4-V  
JKMxxxN-78HL4-V  
JKMxxxN-72HL4-BDV  
JKMxxxN-78HL4-BDV  
JKBF61N-10HL3-BDVP-TOGG (61Wp)  
JKBF352N-63HL2-BDVP-TOGD (352Wp)  
JKBF549N-90HL2-BDVP-TOGC (549Wp)  
JKBF580N-108HL2-BDVP-TOGC (580Wp)  
JKBF696N-126HL2-BDVP-TOGB (696Wp)  
JKBF912N-170HL2-BDVP-TOGB (912Wp)  
JKBF201N-36HL2-BDVP-TOED (201Wp)  
JKBF427N-76.5HL2-BDVP-TOEC  
JKBF477N-85.5HL3-BDVP-TOEB  
JKBF500N-90HL3-BDVP-TOEC  
JKBF647N-117HL2-BDVP-TOGD  
JKBF644N-120HL2-BDVP-TOEC  
JKBF708N-132HL2-BDVP-TOEC  
JKMxxxN-6RL3-B

ADXXX-36P  
ADXXX-36S  
ADXXX-48P  
ADXXX-48S  
ADXXX-54P

sc-Si, 380-410 W, in step of 5 W  
sc-Si, 325-340 W, in step of 5 W  
sc-Si, 325-340 W, in step of 5 W  
sc-Si, 325-340 W, in step of 5 W  
sc-Si, 375-415 W, in step of 5 W  
sc-Si, 375-415 W, in step of 5 W  
sc-Si, 375-415 W, in step of 5 W  
sc-Si, 300-345 W, in step of 5 W  
sc-Si, 300-345 W, in step of 5 W  
sc-Si, 300-335 W, in step of 5 W  
sc-Si, 375-415 W, in step of 5 W  
sc-Si, 375-415 W, in step of 5 W  
sc-Si, 375-400 W, in step of 5 W  
sc-Si, 295-315 W, in steps of 5 W  
sc-Si, 320-340 W, in steps of 5 W  
sc-Si, 390-410 W, in step of 5 W  
sc-Si, 360-380 W, in steps of 5 W  
sc-Si, 360-395 W, in step of 5 W  
sc-Si, 360-395 W, in step of 5 W  
sc-Si, 430-470 W, in step of 5 W  
sc-Si, 430-470 W, in step of 5 W  
sc-Si, 340-375 W, in step of 5 W  
sc-Si, 340-375 W, in step of 5 W  
sc-Si, 405-445 W, in step of 5 W  
sc-Si, 405-445 W, in step of 5 W  
sc-Si, 380-415W, in step of 5W  
sc-Si,xxx=430-450W, in step of 5W  
sc-Si,xxx=520-540W, in step of 5W  
sc-Si,xxx=515-535W, in step of 5W  
sc-Si,xxx=420 - 440 W, in step of 5W  
sc-Si,xxx=510 - 530 W, in step of 5W  
sc-Si,xxx=510-530W, in step of 5W  
sc-Si,xxx=555 - 575 W, , in step of 5W  
sc-Si,xxx=555 - 575 W, , in step of 5W  
sc-Si,xxx=450-465W, in step of 5W  
sc-Si,xxx=515 - 535, in step of 5W  
sc-si, xxx=415-460 W, in step of 5W  
cs-si,xxx=355-375W, in step of 5W  
cs-si,xxx=435-455W, in step of 5W  
cs-si,xxx=520-50W, in step of 5W  
cs-si,xxx=435-455W, in step of 5W  
cs-si,xxx=520-50W, in step of 5W  
Cs-Si,xxx= 420-430W, in step of 5W  
Cs-Si,xxx= 465-480W, in step of 5W  
Cs-Si,xxx= 510-525W, in step of 5W  
Cs-Si,xxx= 560-575W, in step of 5W  
Cs-Si,xxx= 570-625W, in step of 5W  
Cs-Si,xxx= 420-430W, in step fo 5W  
Cs-Si,xxx= 465-480W, in step fo 5W  
Cs-Si,xxx= 560-575W, in step fo 5W  
Cs-Si,xxx= 570-625W, in step fo 5W  
Cs-Si,xxx=555-565W, in step of 5W  
Cs-Si,xxx=570-615W, in step of 5W  
Cs-Si xxx=61Wp  
Cs-Si xxx=352Wp  
Cs-Si xxx=549Wp  
Cs-Si xxx=580Wp  
Cs-Si xxx=696Wp  
Cs-Si xxx=912Wp  
Cs-Si xxx=210Wp  
Cs-Si xxx=427Wp  
Cs-Si xxx=477Wp  
Cs-Si xxx=500Wp  
Cs-Si xxx=647Wp  
Cs-Si xxx=644Wp  
Cs-Si xxx=708Wp  
Cs-Si xxx= 395-415Wp

Poly-Crystalline Silicon XXX=130-150W, in step of 5  
Mono-Crystalline Silicon XXX=135-155W, in step of 5  
Poly-Crystalline Silicon XXX=175-225W, in step of 5  
Mono-Crystalline Silicon XXX=180-205W, in step of 5  
Poly-Crystalline Silicon XXX=200-225W, in step of 5

Jiangsu Aiduo Photovoltaic Technology Co., Ltd.	ADXXX-54S ADXXX-60P ADXXX-60S ADXXX-72M ADXXX-72P ADXXX-72S ADXXX-72M ADXXX-36S ADXXX-48S ADXXX-54S ADXXX-60S ADXXX-72S ADXXX-36P ADXXX-40P ADXXX-48P ADXXX-54P ADXXX-72P ADXXX-60P	Mono-Crystalline Silicon XXX=210-235W, in step of 5 Poly-Crystalline Silicon XXX=255-265W, in step of 5 Mono-Crystalline Silicon XXX=230-260W, in step of 5 Mono-Crystalline Silicon XXX=175-205W, in step of 5 Poly-Crystalline Silicon XXX=270-320W, in step of 5 Mono-Crystalline SiliconXXX=280-320W, in step of 5 Mono-crystalline Silicon XXX=175-205W, in step of 5 Mono-crystalline SiliconXXX=135-175W, in step of 5 Mono-crystalline SiliconXXX=180-235W, in step of 5 Mono-crystalline SiliconXXX=210-265W, in step of 5 Mono-crystalline SiliconXXX=230-295W, in step of 5 Mono-crystalline Silicon XXX=280-355W, in step of 5 Poly-crystalline Silicon XXX=130-170W, in step of 5 Poly-crystalline Silicon XXX=160-185W, in step of 5 Poly-crystalline Silicon XXX=175-225W, in step of 5 Poly-crystalline Silicon XXX=200-255W, in step of 5 Poly-crystalline Silicon XXX=270-340W, in step of 5 Poly-crystalline SiliconXXX=225-280W, in step of 5
Jiangsu Eco Green Energy Co Ltd	EGE-xxxW-120M (M6) EGE-xxxW-144M (M6) EGE-xxxW-120M (M10) EGE-xxxW-144M (M10)	sc-si, xxx=350-375W, in step of 5W sc-si, xxx = 440-450W , in step of 5W Sc-si, xxx=440-460W , in step of 5W sc-si, xxx= 530-550W , in step of 5W
Jinneng Photovoltaic Technology Ltd	JNHM72-xxx JNHM60-xxx JNMM144-xxx JNMM120-xxx JNMM144-xxx JNMM120-xxx JNMP144-xxx JNMP120-xxx JNBM144-xxx JNBM120-xxx JNBM144-xxx JNBM132-xxx JNBM120-xxx JNBM108-xxx JNBM96-xxx JNMM144-xxx JNMM132-xxx JNMM120-xxx JNMM108-xxx JNMM96-xxx JNHM144-xxx JNHM120-xxx JNMM132-xxx JNMM120-xxx	HJT xxx = 330-370, in increment of 5 HJT xxx = 275-310, in increment of 5 sc-si,xxx=425-455, in steps of 5) sc-si,xxx=355-375, in steps of 5 sc-si,xxx=375-410, in steps of 5 sc-si,xxx=315-340, in steps of 5) mc-si,xxx=310-355, in steps of 5 mc-si,xxx=260-295, in steps of 5 sc-si,xxx=365-465W , in step of 5W sc-si, xxx=305-385W, in step of 5 sc-si,xxx=520-545W , in step of 5 sc-si,xxx=475-500W , in step of 5 sc-si,xxx=435-455W, in step of 5 sc-si,xxx=390-405W, in step of 5 sc-si,xxx=345-360W . In step of 5 sc-si,xxx=520-545, in steps of 5 sc-si,xxx=480-495, in steps of 5 sc-si,xxx=435-450, in steps of sc-si,xxx=390-405, in steps of 5 sc-si,xxx=350-360, in steps of 5 sc-si,xxx=380-475W , in step of 5W sc-si,xxx=315-395W, in step of 5W sc-si,xxx=630-675 in step of 5W sc-si,xxx=575-610W , in step of 5W
Juli New Energy	ILS60P250W(156)	mc-si 250 W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Jyotech Solar LLP	JTS xxx JTS xxx	mc-si 37W mc-si 40W mc-si 50W mc-si 75W mc-si 100W mc-si 150W mc-si 255W mc-si 260W mc-si 200W mc-si 250W mc-si 300W mc-si 305W mc-si 310W mc-si 315W mc-si 320W
Jolywood(taizhou)solar technology	JW-D72N-XXX JW-D60N-xxx JW-T72N-xxx JW-T60N-xxx JW-D72-xxx JW-D60-xxx JW-HD144N-xxx	xxx=310-360W, in steps of 5 xxx=255-300W, in steps of 5 xxx=310-355W, in steps of 5 xxx=255-295W, in steps of 5 sc-Si 365-410W, in step of 5 sc-Si 315-340W, in step of 5 sc-Si 390-415W, in step of 5

	JW-HD120N-xxx JW-HD144P-xxx JW-HD120P-xxx	sc-Si 325-345W, in step of 5 sc-Si 390-415W, in step of 5 sc-Si 325-345W, in step of 5
Jiangyin Shine Science and Technology Co	SSxxx-72S SSxxx-72S-V SSxxx-60S SSxxx-60S-V SSxxx-72P SSxxx-72P-V SSxxx-60P SSxxx-60P-V	monocrystalline Silicon, xxx=320-370W insteps of 5 monocrystalline Silicon, xxx=320-370W insteps of 5 monocrystalline Silicon, xxx=265-310W insteps of 5 monocrystalline Silicon, xxx=265-310W insteps of 5 Polycrystalline Silicon, xxx=305-345w insteps of 5 Polycrystalline Silicon, xxx=305-345 insteps of 5 Polycrystalline Silicon, xxx=250-290W insteps of 5 Polycrystalline Silicon, xxx=250-290W insteps of 5
Jiangsu Sunport Power Corp.,LTD	SPPXXMH7 SPPXXM72 SPPXXMH6 SPPXXM60 SPPXXN60 SPPXXD72 SPPXXPH7 SPPXXP72 SPPXXDH6 SPPXXD60 SPPXXPH6 SPPXXP60 SPP290M60S SPP295M60S SPP300M60S SPP305M60S SPP310M60S SPP315M60S SPP320M60S SPPXXM72H SPPXXN72H SPPXXM60H SPPXXN60H SPPXXNH7H SPPXXNH7H SPPXXNH7H SPPXXNH7H SPPXXNH7H SPPXXNH6H SPPXXNH6H SPPXXD72H SPPXXP72H SPPXXD60H SPPXXP60H SPPXXD72H	Mono-crystalline Silicon, 345-385W in steps of 5 Mono-crystalline Silicon, 345-395W in steps of 5 Mono-crystalline Silicon, 285-320W in steps of 5 Mono-crystalline Silicon, 285-330W in steps of 5 Mono-crystalline Silicon, 345-340W in steps of 5 Poly-crystalline Silicon, 325-350W insteps of 5 Poly-crystalline Silicon, 325-350W insteps of 5 Poly-crystalline Silicon, 325-375W insteps of 5 Poly-crystalline Silicon, 275-300W insteps of 5 Poly-crystalline Silicon, 275-295W insteps of 5 Poly-crystalline Silicon, 275-290W insteps of 5 Poly-crystalline Silicon, 275-315W insteps of 5 sc-Si, 290W sc-Si, 295W sc-Si, 300W sc-Si, 305W sc-Si, 310W sc-Si, 315W sc-Si, 320W Mono-crystalline Silicon ,XXX=345-395W, in steps of 5W Mono-crystalline Silicon ,XXX=375-405W, in steps of 5W Mono-crystalline Silicon ,XXX=285-330W, in steps of 5W Mono-crystalline Silicon ,XXX=310-350W, in steps of 5W Mono-crystalline Silicon XXX=435-450W, in steps of 5W Mono-crystalline Silicon ,XXX=375-405W, in steps of 5W Mono-crystalline Silicon ,XXX=385-420W, in steps of 5W Mono-crystalline Silicon ,XXX=340-365W , in steps of 5W Mono-crystalline Silicon ,XXX=305-335W, in steps of 5W Mono-crystalline Silicon ,XXX=320-350W, in steps of 5W Poly-crystalline Silicon ,XXX=325-355W , in steps of 5W Poly-crystalline Silicon ,XXX=325-355W, in steps of 5W Poly-crystalline Silicon ,XXX=275-295W, in steps of 5W Poly-crystalline Silicon ,XXX 270-315W, in steps of 5W Poly-crystalline Silicon ,XXX=365-405W, in steps of 5W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Jiangsu Sunport Power Corp.,LTD	SPPXXPH7H SPPXXDH6H SPPXXPH6H	Poly-crystalline Silicon ,XXX=325-300W , in steps of 5W Poly-crystalline Silicon ,XXX=275-300W, in steps of 5W Poly-crystalline Silicon ,XXX=275-290W, in steps of 5W
	KE40 KE50 KE60 KE100 KE150 KE155 KE160 KE210 KE235 KE240 KE245 KE250 KE260 KE265 KE270 KE275 KE280 KE315 KE320 KE325 KE180M	40Wp 50Wp 60Wp 100Wp 150Wp 155Wp 160Wp 210Wp 235Wp 240Wp 245Wp 250Wp 260Wp 265Wp 270Wp 275Wp 280Wp 315Wp 320Wp 325Wp mc-Si,180W

KOSOL HIRAMRUT ENERGIES PVT.LTD.	KE120M KE115M KE95M KE90M KE70M KE60M KE50M KE175P KE170P KE165P KE160P KE155P KE100P KE80P KE60P KE50P KE40P KExxxM KExxxM KExxxP KExxxP KExxxM KExxxP KExxxM KExxxP KExxxMX KExxxPX	mc-Si,120WP mc-Si,115WP mc-Si,95WP mc-Si,90WP mc-Si,70WP mc-Si,60WP mc-Si,50WP mc-Si,175WP mc-Si,170WP mc-Si,165WP mc-Si,160WP mc-Si,155WP mc-Si,100WP mc-Si,80Wp mc-Si,60Wp mc-Si,50Wp mc-Si,40Wp mc-Si,xxx=230-255W , in step of 5W mc-Si,xxx=265-285W , in step of 5W mc-Si,xxx=200-225W , in step of 5W mc-Si,xxx=235-255W , in step of 5W mc-Si,xxx=290-335W , in step of 5W mc-Si,xxx=260-300W , in step of 5W mc-Si,xxx=345-380W , in step of 5W sc-Si ,xxx=315-330W , in step of 5W mc-Si,xxx=345-380W , in step of 5W sc-Si,xxx=315-330W ,in step of 5W
Kyocera	KU315-7ZPA KU320-7ZPA KG160GX-LFE-S KG165GX-LFE-S KG170GX-LFE-S KG175GX-LFE-S KK275P-3CD3CG KK280P-3CD3CG KK285P-3CD3CG KK290P-5CD3CG KV275P-3CD3CG KV280P-3CD3CG KV285P-3CD3CG KV290P-3CD3CG	mc-Si 315 Wp mc-Si 320 Wp mc-Si, 160Wp mc-Si, 165Wp mc-Si, 170Wp mc-Si, 175Wp mc-Si, 275Wp mc-Si, 280Wp mc-Si, 285Wp mc-Si, 290Wp mc-Si, 275Wp mc-Si, 280Wp mc-Si, 285Wp mc-Si, 290Wp
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Leapton Solar (CHANGSHU) Co., Ltd.	LP158*158-M-60-H-XXX LP158*158-M-72-H-XXX LP156*156-P-60-H-XXX LP156*156-P-72-H-XXX LP166*166-M-60-MH-xxx LP166*166-M-60-MH-xxx LP166*166-M-60-MH-xxx LP210*210-M-66-MH-630W LP210*210-M-66-MH-635W LP210*210-M-66-MH-640W LP210*210-M-66-MH-645W LP210*210-M-66-MH-650W LP210*210-M-66-MH-655W LP210*210-M-66-MH-660W LP210*210-M-66-MH-665W LP210*210-M-66-MH-670W LP210*210-M-60-MH-575W LP210*210-M-60-MH-580W LP210*210-M-60-MH-585W LP210*210-M-60-MH-590W LP210*210-M-60-MH-595W LP210*210-M-60-MH-600W, LP210*210-M-60-MH-605W LP210*210-M-60-MH-610W LP210*210-M-55-MH-520W LP210*210-M-55-MH-525W LP210*210-M-55-MH-530W LP210*210-M-55-MH-535W LP210*210-M-55-MH-540W	sc-Si, XXX= 325 W & 330 W sc-Si, XXX= 395 W & 400 W mc-Si, XXX= 290 W-305 W in step of 5 W mc-Si, XXX= 345 W-370 W in step of 5 W mc-si,xxx=360-380W , in step of 5W mc-si,xxx=430-455W , in step of 5W mc-si,xxx=405-415W , in step of 5W Mc-Si,xxx=630W, in step of 5W Mc-Si,xxx=635W, in step of 5W Mc-Si,xxx=640W, in step of 5W Mc-Si,xxx=645W, in step of 5W Mc-Si,xxx=650W, in step of 5W Mc-Si,xxx=655, in step of 5W Mc-Si,xxx=660W, in step of 5W Mc-Si,xxx=665W, in step of 5W Mc-Si,xxx=670W, in step of 5W Mc-Si,xxx=575W, in step of 5W Mc-Si,xxx=580W, in step of 5W Mc-Si,xxx=585W, in step of 5W Mc-Si,xxx=590W, in step of 5W Mc-Si,xxx=595W, in step of 5W Mc-Si,xxx=600W, in step of 5W Mc-Si,xxx=605W, in step of 5W Mc-Si,xxx=610W, in step of 5W Mc-Si,xxx=520W, in step of 5W Mc-Si,xxx=525W, in step of 5W Mc-Si,xxx=530W, in step of 5W Mc-Si,xxx=535W, in step of 5W Mc-Si,xxx=540W, in step of 5W

	<p>LP210*210-M-55-MH-545W  LP210*210-M-55-MH-550W  LP210*210-M-55-MH-555W  LP210*210-M-40-MH-380W,  LP210*210-M-40-MH-385W,  LP210*210-M-40-MH-390W,  LP210*210-M-40-MH-395W,  LP210*210-M-40-MH-400W  LP182*182-M-78-MH-560W  LP182*182-M-78-MH-565W  LP182*182-M-78-MH-570W  LP182*182-M-78-MH-575W  LP182*182-M-78-MH-580W  LP182*182-M-78-MH-585W  LP182*182-M-78-MH-590W  LP182*182-M-78-MH-595W  LP182*182-M-78-MH-600W  LP182*182-M-78-MH-605W  LP182*182-M-72-MH-515W  LP182*182-M-72-MH-520W  LP182*182-M-72-MH-525W  LP182*182-M-72-MH-530W  LP182*182-M-72-MH-535W  LP182*182-M-72-MH-540W  LP182*182-M-72-MH-545W  LP182*182-M-72-MH-550W  LP182*182-M-72-MH-555W  LP182*182-M-66-MH-475W  LP182*182-M-66-MH-480W  LP182*182-M-66-MH-485W  LP182*182-M-66-MH-490W  LP182*182-M-66-MH-495W  LP182*182-M-66-MH-500W  LP182*182-M-66-MH-505W  LP182*182-M-66-MH-510W  LP182*182-M-60-MH-430W  LP182*182-M-60-MH-435W  LP182*182-M-60-MH-440W  LP182*182-M-60-MH-445W  LP182*182-M-60-MH-450W  LP182*182-M-60-MH-455W  LP182*182-M-60-MH-460W  LP182*182-M-60-MH-465W  LP182*182-M-54-MH-390W  LP182*182-M-54-MH-395W  LP182*182-M-54-MH-400W  LP182*182-M-54-MH-405W  LP182*182-M-54-MH-410W  LP182*182-M-54-MH-415W</p>	<p>Mc-Si,xxx=545W, in step of 5W  Mc-Si,xxx=550W, in step of 5W  Mc-Si,xxx=555W, in step of 5W  Mc-Si,xxx=380W, in step of 5W  Mc-Si,xxx=385W, in step of 5W  Mc-Si,xxx=390W, in step of 5W  Mc-Si,xxx=395W, in step of 5W  Mc-Si,xxx=400W, in step of 5W  Mc-Si,xxx=560W, in step of 5W  Mc-Si,xxx=565W, in step of 5W  Mc-Si,xxx=570W, in step of 5W  Mc-Si,xxx=575W, in step of 5W  Mc-Si,xxx=580W, in step of 5W  Mc-Si,xxx=585W, in step of 5W  Mc-Si,xxx=590W, in step of 5W  Mc-Si,xxx=595W, in step of 5W  Mc-Si,xxx=600W, in step of 5W  Mc-Si,xxx=605W, in step of 5W  Mc-Si,xxx=515W, in step of 5W  Mc-Si,xxx=520W, in step of 5W  Mc-Si,xxx=525W, in step of 5W  Mc-Si,xxx=530W, in step of 5W  Mc-Si,xxx=535W, in step of 5W  Mc-Si,xxx=540W, in step of 5W  Mc-Si,xxx=545W, in step of 5W  Mc-Si,xxx=550W, in step of 5W  Mc-Si,xxx=555W, in step of 5W  Mc-Si,xxx=475W, in step of 5W  Mc-Si,xxx=480W, in step of 5W  Mc-Si,xxx=485W, in step of 5W  Mc-Si,xxx=490W, in step of 5W  Mc-Si,xxx=495W, in step of 5W  Mc-Si,xxx=500W, in step of 5W  Mc-Si,xxx=505W, in step of 5W  Mc-Si,xxx=510W, in step of 5W  Mc-Si,xxx=430W, in step of 5W  Mc-Si,xxx=435W, in step of 5W  Mc-Si,xxx=440W, in step of 5W  Mc-Si,xxx=445W, in step of 5W  Mc-Si,xxx=450W, in step of 5W  Mc-Si,xxx=455W, in step of 5W  Mc-Si,xxx=460W, in step of 5W  Mc-Si,xxx=465W, in step of 5W  Mc-Si,xxx=390W, in step of 5W  Mc-Si,xxx=395W, in step of 5W  Mc-Si,xxx=400W, in step of 5W  Mc-Si,xxx=405W, in step of 5W  Mc-Si,xxx=410W, in step of 5W  Mc-Si,xxx=415W, in step of 5W</p>
	<p>LG275S1C-B3  LG280S1C-B3  LG300N1C-B3  LG305N1C-B3  LG300N1C-G4  LG280S1C-L4  LG285S1C-L4  LG290S1C-L4  LG300N1K-G4  LG305N1C-G4  LG310N1C-G4  LG315N1C-G4  LG320N1C-G4  LGxxxN1C-A5  LGxxxN1K-A5  LGxxxN2C-A5  LGxxxN2W-A5  LGxxxS1C-A5  LG315N1W-G4  LGxxxS2W-A5  LGxxxQ1C-A5  LG340N1C-A5  LGxxxN1C-V5</p>	<p>sc-Si 275 Wp/0 - +3%  sc-Si 280 Wp/0 - +3%  sc-Si 300 Wp/0 - +3%  sc-Si 305 Wp/0 - +3%  sc-Si 300W/0 - +3%  sc-Si 280 Wp/0 - +3%  sc-Si 285 Wp/0 - +3%  sc-Si 290 Wp/0 - +3%  sc-Si 300W/0 - +3%  sc-Si 305W/0 - +3%  sc-Si 310W/0 - +3%  sc-Si 315W/0 - +3%  sc-Si 320W/0 - +3%  Sc-Si 335W, 330W,325W  Sc-Si 320W, 315W  Sc-Si 410W, 405W, 400W, 395W, 390W  Sc-Si 410W, 405W, 400W, 395W, 390W  Sc-Si 300W, 295W, 290W  Sc-si 315W  Sc-Si 360W, 355W, 350W  sc-Si 350-370, in step of 5  sc-Si 340 Wp  sc-Si 340, 345, 350, 355 W</p>

LG electronics

	LGxxxN2W-V5 LGxxxQ1C-V5 LGxxxN1W-A5 LGxxxN1C-V5 LGxxxN1C-L5 LGxxxN1C-N5 LGxxxN2W-L5 LGxxxN2W-N5 LGxxxS2W-U5 LGxxxS2W-U6 LGxxxS1C-U6 LGxxxN2W-E6 LGxxxN1C-E6	sc-Si 400, 405, 410, 415, 420 W sc-Si, xxx= 365W, 370W and 375W sc-Si, xxx= 330W, 335W and 340W sc-Si, xxx= 320W, 325W, 330W and 335W sc-Si,xxx=340-360W , in step of 5 W sc-Si,xxx=350-370W, in step of 5W sc-Si,xxx=410-430W, in step of 5W sc-Si,xxx=410-430W, in step of 5W sc-Si,375 W ±2.0% sc-si,xxx=445-450W , in step of 5W sc-si,xxx=370-375W , in step of 5W mc-si,xxx=370-390W , in step of 5W mc-si,xxx=440-450W , in step of 5W
LARRI Solar Technology Co.Ltd	LR6-60-xxxM LR6-72-xxxM	mc-Si 300-360 W,in steps of 5 mc-Si 250-300 W,in steps of 5
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Loop Inc	LPW-270P-60H LPW-275P-60H	mc-Si 270W mc-Si 275W
Longi green energy technology Co., Ltd	LR6-60-xxxM LR6-72-xxxM LR6-60PE-xxxM LR6-72PE-xxxM LR6-60-xxxM LR6-72-xxxM LR6-60PE-xxxM LR-60BP-xxx LR-72BP-xxx LR6-72PE-xxxM LR6-60HV-xxxM LR6-60PH-xxxM LR6-72HV-xxxM LR6-72PH-xxxM LR4-60HBD-375M LR4-72HBD-xxxM LR4-60HPH-xxxM LR4-72HPH-xxxM LR6-60HPB-xxxM LR4-60HPB-xxxM LR6-72BP-xxxM LR6-60BP-xxxM LR6-72HBD-xxxM LR6-60HBD-xxxM LR6-78HBD-xxxM LR6-72HPH-xxxM, LR6-60HPH-xxxM, LR6-72PE-380M LR4-60HPH-xxxM LR4-72HPH-xxxM LR4-60-HBD-xxxM LR4-72HBD-xxxM LR5-66HBD-xxxM LR5-72HBD-xxxM LR5-66HPH-xxxM LR5-72HPH-xxxM LR4-66HPH-xxxM LR5-66HBD-xxxM LR5-72HBD-xxxM LR5-54HPH-xxxM	mc-Si, 270-300 ( in step of 5 ) mc-Si, 320-350 ( in step of 5 ) mc-Si, 280-310 ( in step of 5 ) mc-Si, 340-375 ( in step of 5 ) mc-Si,270W-300W mc-si,320W-350W mc-si,280W-310W mc-Si, 290 - 305, in step of 5 mc-Si,350-370, in step of 5 mc-si,340W-375W 280-300 Wp, in step of 5 280-310 Wp, in step of 5 320-350 Wp, in step of 5 340-385 Wp, in step of 5 mc-Si, 375W mc-Si, 450-455W in steps of 5 mc-Si, 375-380W in steps of 5 mc-Si, 445-460W in steps of 5 mc-Si, 300-320W in steps of 5 mc-Si,355-365W in steps of 5 mc-Si 375-380 W ; in step of 5 mc-Si 310-315W; in step of 5 mc-Si 360-385 W; in step of 5 mc-Si 300-320 W; in step of 5 mc-Si 395-410 W; in step of 5 xxx=350-405,in step of 5 xxx=295-335,in step of 5 mc-Si 380 W mc-si, xxx=350-370 W , in step of 5W mc-si,xxx=420-440W, in step of 5W mc-si,xxx=345-370W , in step of 5W mc-si,xxx=415-445W, in step of 5 W mc-Si,xxx=475-495W , in step of 5W mc-Si,xxx=500-540W , in step of 5W mc-Si,xxx=480-505 , in step of 5W mc-Si,xxx=525-555 , in step of 5W mc-Si, xxx=395-415W , in step of 5W Mc-Si, (xxx=500-505) in step of 5W Mc.Si,(xxx=545-555) in step of 5W Mc-Si, (xxx=400-415) in step of 5W
MAYSUN SOLAR FZCO	MSxxxM-72 MSxxxM-60 MSxxxM-36 MSxxxP-72 MSxxxP-60 MSxxxP-36	Mono-Crystalline Silicon xxx=285-340,in step of 5 Mono-Crystalline Silicon xxx=240-285,in step of 5 Mono-Crystalline Silicon xxx=145-170,in step of 5 Poly-Crystalline Silicon xxx=285-340,in step of 5 Poly-Crystalline Silicon xxx=235-280,in step of 5 Poly-Crystalline Silicon xxx=140-165,in step of 5
Merlin Solar Technologies, Inc.	BR320 BR325 BR330 BR335 BR340 BR345 BR350	Mono-Si, 320 W Mono-Si, 325 W Mono-Si, 330 W Mono-Si, 335 W Mono-Si, 335 W Mono-Si, 345 W Mono-Si, 350 W



	FX105 FX110	Mono-Si, 105 W Mono-Si, 110 W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Miasole Hi-tech Corp	FLEX-02 xxx NS FLEX-02 xxx N FLEX-02 xxx WS FLEX-02 W FLEX-02 XXX C132 ASM-7-PERC-AAA (AAA: Peak Power in Wp) ASM-6-PERK-AAA (AAA: Peak Power in Wp) ASP-7-AAA (AAA: Peak Power in Wp) ASP-6-AAA (AAA: Peak Power in Wp)	CIGS- 65-85W, in step of 5 CIGS-110-130W, in step of 5 CIGS-210-250W, in step of 10 CIGS-340-380W, in step of 10 CIGS-255 -305W, in step of 5 Monocrystalline, 305-375 Wp, in step of 5W Monocrystalline, 255-315 Wp, in step of 5 Polycrystalline, 285-350 Wp, in step of 5W Polycrystalline, 235-290 Wp, in step of 5W
Mysolar Manufacturing(Shanghai) Co.,Ltd	MSxxxM-S MSxxxP-S MSxxxH-HS MSxxxH-HS MSxxxH-DHBS MSxxxH-DHBS	sc-Si, mc-Si, 95 to 375 sc-Si, mc-Si, 90 to 350 sc-Si, xxx= 370-410 W, in step of 5W sc-Si, xxx=310-340 W, in step of 5W mc-Si, xxx= 360-405 W, in tsep of 5W mc-Si, xxx= 300-335 W, in tsep of 5W
Mundra Solar Energy Limited	ASM-M10-144-xxx	Sc-Si,XXX= 530,535,540, in step of 5W
Nanjing Sunport power	SPPXXXP60 SPPXXXP72	6"Poly - Crystalline (XXX=270-290) 6"Poly - Crystalline(XXX=325-345)
United Renewable Energy Co., Ltd. (URE)	D6PxxxB3A D6PxxxB5A D6PxxxB2A D6PxxxB1A D6PxxxA3A D6PxxxA5A D6PxxxA2A D6PxxxA1A D6LxxxK4A D6LxxxL3A D6LxxxL4A	mc-Si 210 -275 W mc-Si 185-245 W mc-Si 170 - 220 W mc-Si 125-165 W mc-Si 210 - 250 W mc-Si 185 - 225 W mc-Si 170 - 200 W mc-Si 125 - 145 W sc-Si 360 Wp sc-Si 290-305, in step of 5 sc-Si 350-365, in step of 5
NICE SUN PV Co., Ltd	NCS-6BMXXX NCS-6AMXXX NCS-6APXXX	sc-Si 215-285 in increments of 5 sc-Si 255-345 in increments of 5 mc-Si 255-340 in increments of 5
Ningbo Ulica Solar	UL-xxxM-60 UL-xxxP-60 UL-xxxM-72 UL-xxxP-72 UL-XXXP-72 UL-XXXM-72 UL-XXXM-60 UL-XXXM-72 UL-XXXP-60 UL_XXXP_72 UL_XXXM_72 UL_XXXM_60 UL_XXXM_72 UL_XXXP_60 UL-xxxM-24 UL-xxxM-144 UL-xxxM-120	sc-Si 270 W mc-Si 260-270W, in steps of 5 sc-Si 320-330W, in steps of 5 mc-Si 310-320W, in steps of 5 mc-Si 320-335 W, in steps of 5 Sc-Si 340-345W, in steps of 5 Sc-Si 280-290W, in steps of 5 Sc-Si 360-375W, in steps of 5 Sc-Si 270-285W, in steps of 5 mc_Si,320-335WP in steps of 5 Sc-Si,340-345WP in steps of 5 Sc-Si,280-290WP in steps of 5 Sc-Si,360-375WP in steps of 5 mc-Si,270-285WP in steps of 5 sc-si,105-120WP in step of 5 mono-si,xxx= 540 - 545, in steps of 5W mono-si,xxx=375-380 W, in steps of 5W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
	NST18-6-xxxP NST32-6-xxxP NST36-6-xxxP NST40-6-xxxP NST48-6-xxxP NST54-6-xxxP NST60-6-xxxP NST66-6-xxxP NST72-6-xxxP NST18-6-xxxM NST32-6-xxxM NST36-6-xxxM NST40-6-xxxM NST48-6-xxxM NST54-6-xxxM NST60-6-xxxM	mc-Si xxx=70 - 80 Wp, in step of 5 mc-Si xxx=120-145 Wp, in step of 5 mc-Si xxx=135-160 Wp, in step of 5 mc-Si xxx=150-180 Wp, in step of 5 mc-Si xxx=180-220 Wp, in step of 5 mc-Si xxx=205-245 Wp, in step of 5 mc-Si xxx=225-275 Wp, in step of 5 mc-Si xxx=250-300 Wp, in step of 5 mc-Si xxx=270-330 Wp, in step of 5 sc-Si xxx=85-95 Wp, in step of 5 sc-Si xxx=145-175 Wp, in step of 5 sc-Si xxx=165-195 Wp, in step of 5 sc-Si xxx=180-220 Wp, in step of 5 sc-Si xxx=220-260 Wp, in step of 5 sc-Si xxx=245-295 Wp, in step of 5 sc-Si xxx=270-330 Wp, in step of 5

Noor Solar Technology	NST18-6-xxxP NST32-6-xxxP NST36-6-xxxP NST40-6-xxxP NST48-6-xxxP NST54-6-xxxP NST60-6-xxxP NST66-6-xxxP NST72-6-xxxP NST18-6-xxxM NST32-6-xxxM NST36-6-xxxM NST40-6-xxxM NST48-6-xxxM NST54-6-xxxM NST60-6-xxxM NST66-6-xxxM NST72-6-xxxM	sc-Si xxx= 70-80Wp , insteps of 5 sc-Si xxx= 120-145Wp, insteps of 5 sc-Si xxx= 135-160Wp, insteps of 5 sc-Si xxx= 150-180Wp, insteps of 5 sc-Si xxx= 180-220Wp, insteps of 5 sc-Si xxx= 205-245Wp, insteps of 5 sc-Si xxx= 225-275Wp, insteps of 5 sc-Si xxx= 250-300Wp, insteps of 5 sc-Si xxx= 270-300Wp, insteps of 5 mc-Si xxx= 85-95Wp, insteps of 5 mc-Si xxx=145-175Wp, insteps of 5 mc-Si xxx=165-195Wp, insteps of 5 mc-Si xxx=180-220 Wp, insteps of 5 mc-si xxx=225-260Wp, insteps of 5 mc-Si xxx=245-295Wp, insteps of 5 mc-Si xxx=270-330 Wp, in step of 5 mc-Si xxx=300-360Wp, insteps of 5 mc-Si xxx=325-395Wp, insteps of 5
Omsun Power Private Limited	OM60XXX OM60XXX OM54XXX OM36XXX OM36XXX	Mc-Si 210-275 W Mc-Si 180-200 W Mc-Si 150-170 W Mc-Si 110-140 W Mc-Si 100 W
ONYX SOLAR ENERGY, S.L	434 BA-10000500-20-1 X3X-BN-12451849-00-1 X3X-BN-12451849-10-1 X3X-BN-12451849-20-1 X3X-BN-12451849-30-1 X3X-BN-12452456-00-1 X3X-BN-12452456-10-1 X3X-BN-12452456-20-1 X3X-BN-12452456-30-1 X3X-BN-12450635-00-1 X3X-BN-12450635-10-1 X3X-BN-12450635-20-1 X3X-BN-12450635-30-1 X3X-BN-12451242-00-1 X3X-BN-12451242-10-1 X3X-BN-12451242-20-1 X3X-BN-12451242-30-1 636-BN-06000600-00-1 636-BN-24620635-10-1  ONYX G/G A XXXX	a-Si 16W (+/-10%) X= 4/5/6, a- Si 136.53 Wp X= 4/5/6, a-Si 99.36 Wp X= 4/5/6, a-Si 78.84 Wp X= 4/5/6, a-Si 60.71 Wp X= 4/5/6, a-Si 182.04 Wp X= 4/5/6, a-Si 132.48 Wp X= 4/5/6, a-Si 105.12 Wp X= 4/5/6, a-Si 80.94 Wp X= 4/5/6, a-Si 45.51 Wp X= 4/5/6, a-Si 33.12 Wp X= 4/5/6, a-Si 26.28 Wp X= 4/5/6, a-Si 20.24 Wp X= 4/5/6, a-Si 91.02 Wp X= 4/5/6, a-Si 66.24 Wp X= 4/5/6, a-Si 52.56 Wp X= 4/5/6, a-Si 40.47 Wp a-Si 20.06 Wp a-Si 63.0 Wp A: M Monocrystalline or P Multicrystalline, XXX= Quantity of Cells (036 to 168), X=Frontal Glass Thickness (4mm to 10mm), X=Rear Glass Thickness (4mm to 10mm), Peak Power: 140 - 650 Wp
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Panasonic	VBMS260AE04 VBMS255AE04 VBMS250AE04 VBHN235SJ25 VBHN240SJ25 VBHN245SJ25 VBHN235SE10 VBHN294SJ45 AE6PXXXWBSB AE7PXXXVBSB VBHN325SJ47 VBMS380AJ09	Poly 260 W Poly 255 W Poly 250 W HIT Cell Technology 235W HIT Cell Technology 240W HIT Cell Technology 245W HIT Cell Technology 235W HIT Cell Technology 294W mc-si,265W-275W ( in step of 5 ) mc-si,320W-325 w ( in step of 5 ) HIT Cell Technology 325W Monocrystalline, 380 W
Perlight Solar Co. Ltd	PLM-XXXP-72 PLM-XXXP-60 PLM-XXXP-60 PLM-XXXP-54 PLM-XXXP-36 PLM-XXXP-48 PLM-XXXM-96 PLM-XXXM-72 PLM-XXXM-60 PLM-XXXM-54	mc-Si 235-320W, in steps of 5 mc-Si 195-265W, in steps of 5 mc-Si 240-260W, in steps of 5 mc-Si 220-235W, in spets of 5 mc-Si 145-155W, in steps of 5 mc-Si 195-210W, in steps of 5 sc-Si 230-280W, in steps of 5 sc-Si 290-315W, in steps of 5 sc-Si 240-265 W, in steps of 5 sc-Si 220-235W, in steps of 5



Phono Solar Technology Co., Ltd	PSxxxM-24/T PSxxxM-20/U PSxxxM-24/TH PSxxxM-20/UH PSXXXM-20/U PSXXXM-24/T PSXXXP-20/U PSXXXP-24/T PSxxxM1H-24/TH PSxxxM1H-20/UH PSxxxM1H-24/T PSxxxM1H-20/U PSxxxM4H-24/TH PSxxxM4H-22/WH PSxxxM4H-20/UH PSxxxM4H-18/VH PSxxxM6H-24/TH PSxxxM6H-22/WH PSxxxM6H-20/UH PSxxxM6H-18/VH PSxxxM1-24/TH PSxxxM1-20/UH PSxxxM1-24/T PSxxxM1-20/U PSxxxM4-24/TH PSxxxM4-22/WH PSxxxM4-20/UH PSxxxM4-18/VH PSxxxM6-24/TH PSxxxM6-22/WH PSxxxM6-20/UH PSxxxM6-18/VH	sc-Si,325W/385W,insteps of 5w; sc-Si,275W/320W,insteps of 5w; sc-Si,360/390,in steps of 5w; sc-Si,300W/325W,insteps of 5w; C-Si 215-280W C-Si 280-340W C-Si 215-275W C-Si 275-335W sc-si,xxx=375-435W sc-si,xxx=310-360W sc-si,xxx=375-395 sc-si,xxx=315-330W , in steps of 5W sc-si,xxx=430-455W , in step of 5W sc-si,xxx=395-415W , in step of 5W sc-si,xxx=360-380W, n step of 5W sc-si,xxx=325-345W,in step of 5W sc-si,xxx=525-555W,in step of 5W sc-si,xxx=485-505W,in step of 5W sc-si,xxx=440-460W,in step of 5W sc-si,xxx=395-415W,in step of 5W sc-si,xxx=375-435W,in step of 5W sc-si,xxx=310-360W ,in step of 5W sc-si,xxx=375-395W ,in step of 5W sc-si,xxx=315-330W ,in step of 5W sc-si,xxx=430-455W,in step of 5W sc-si,xxx=395-415W,in step of 5W sc-si,xxx=360-380W,in step of 5W sc-si,xxx=325-345W,in step of 5W sc-si,xxx=525-555W,in step of 5W sc-si,xxx=485-505W,in step of 5W sc-si,xxx=440-460W,in step of 5W sc-si,xxx=395-415W,in step of 5W
QingHai Huanghe Hydropower Development Co., Ltd. Xining Solar Power Branch	SPICN6(LAR)-40-235/IH SPICN6(LAR)-60-xxx/IH SPICN6(LAR)-66-xxx/IH SPICN6(LAR)-72-xxx/IH SPICN6(LDF)-60-xxx/BIH SPICN6(LDF)-66-xxx/BIH SPICN6(LDF)-72-xxx/BIH	Sc-Si,XXX=235, in step of 5W Sc-Si,XXX=360-400, in step of 5W Sc-Si,XXX=395-435 in step of 5W Sc-Si,XXX=430-475 in step of 5W (XXX=375-395,in steps of 5W (XXX=415-435,in steps of 5W (XXX=455-470,in steps of 5W
REC Solar	REC265TP REC270TP REC275TP REC280TP REC xxx PE 72 REC 260 PE RECxxxPE 72 RECxxxPE RECxxxPE BLK RECxxxPE25 72 RECxxxPE25 72 XV RECxxxTP 72 RECxxxTP 72 XV RECxxxTP RECxxxTP BLK RECxxxTP2 RECxxxTP2 BLK RECxxxTP25 72 RECxxxTP25 72 RECxxxTP25 72 XV RECxxxTP2572 RECxxxTP2572 XV RECxxxNP RECxxx AA 72 XV RECxxx TP25M 72 XV REC xxxAA REC xxxTP35M 72 XV RECxxxTP4 Black RECxxxTP3M RECxxxAA Pure RECxxxTP4	multicrystalline (mc-Si) , 265 W multicrystalline (mc-Si) , 270 W multicrystalline (mc-Si), 275 W multicrystalline (mc-Si) , 280 W multicrystalline (mc-Si), 295 - 315 W, in steps of 5 multicrystalline (mc-Si) , 260 W multicrystalline (mc-Si) , 300 - 320 Wp multicrystalline (mc-Si), 245 - 270 Wp multicrystalline (mc-Si) , 245 - 270 Wp multicrystalline (mc-Si) , 320 - 330 Wp multicrystalline (mc-Si) , 320 - 330 Wp multicrystalline (mc-Si) , 330 - 350 Wp multicrystalline (mc-Si), 330 - 350 Wp multicrystalline (mc-Si), 265 - 285 Wp multicrystalline (mc-Si), 265 - 285 Wp multicrystalline (mc-Si), 280 - 295 Wp multicrystalline (mc-Si), 280 - 295 Wp multicrystalline (mc-Si), 330 - 350 Wp multicrystalline (mc-Si), 330 - 350 Wp multicrystalline (mc-Si), 330 - 350 Wp mc-Si 330-355 Wp, in step of 5 Wp mc-Si 330-355 Wp, in step of 5 Wp sc-Si 310-330 Wp, in steps of 5 Wp (Sc-Si) Hetrojunction technology,420-445Wp Sc-Si,350-400Wp (Sc-Si) Hetrojunction technology,340-380W sc-Si ,xxx=350-400W , in step of 5W sc-si,xxx=355W – 380W , in step of 5W sc-si ,275-340 W , in step of 5W sc-si ,385-410 W , in step of 5W sc-si,xxx=355W – 380W , in step of 5W
	JCxxxS-24/Abs JCxxxS-24/Bbs	sc-Si 315-335W, in steps of 5 sc-Si 255-280W, in steps of 5

Renesola Jiangsu Ltd	JCxxxM-24/Abs JCxxxM-24/Bbs JCxxxM-24/Abpw JCxxxM-24/Bbpw JCxxxM-24/Abpw RS4-xxxM-E1 RS4-xxxM-E2 RS6-xxxM-E1 RS6-xxxM-E2 RS6-xxxM-E3	mc-Si 310-335W, in steps of 5 mc-Si 255-285W, in steps of 5 mc-Si, xxx- 315 to 335, in step of 5w. mc-Si, xxx-265 to 285, in step of 5w. mc-Si, xxx-340 to 345, in step of 5w. Sc-Si,xxx- 440 to 460W, ins step of 5 Sc-Si,xxx- 440 to 460W, ins step of 5 Sc-Si,xxx- 525 to 555W, in step of 5 Sc-Si,xxx- 525 to 555W, in step of 5 Sc-Si,xxx- 525 to 555W, in step of 5
Renesola Energy Nantong Co., Ltd.	JCxxxS-Abcp JCxxxS-Abcp	sc-si, xxx= 420 to 450W, in steps of 5W sc-si, xxx=525-555W , in step of5W
Resun Solar Energy Co.,Ltd	RS5MxxxM RS5AxxxM RS5GxxxM RS6SxxxM RS6CxxxM RS6DxxxM RS6FxxxM RS6SxxxP RS6CxxxP RS6DxxxP RS6FxxxP RS6ExxxP	sc-Si,235-280, in step of 5 sc-Si,175-210, in step of 5 sc-Si,90-105, in step of 5 sc-Si,300-325, in step of 5 sc-Si,250-270, in step of 5 sc-Si,205-245, in step of 5 sc-Si,180-215, in step of 5 mc-si,295-330, in step of 5 mc-si,240-275, in step of 5 mc-si, 205-245, in step of 5 mc-si,180-220, in step of 5 mc-si,140-165, in step of 5

<p>RISEN Energy Co Ltd.</p>	<p>SYP200P SYP 245S RSM36-6-150P RSM60-6-XXXX RSM72-6-XXXX RSM60-6-XXXPDG RSM120-6-XXXX RSM144-6-XXXX RSM144-6-XXXX RSM60-6-XXXX RSM72-6-XXXX RSM60-6-XXXMDG RSM60-6-XXXPDG RSM72-6-XXXMDG RSM72-6-XXXPDG RSM120-6-XXXX RSM144-6-XXXX RSM120-6-XXXBMDG RSM 132-6-XXXBMDG RSM144-6-XXXBMDG RSM60-6-XXXBMDG RSM72-6-XXXBMDG RSM120-6-XXXX RSM120-7-XXXX RSM144-6-XXXX RSM144-7-XXXX RSM156-6-XXXX RSM120-6-XXXBHDG RSM144-6-XXXBHDG RSM-120-7-XXX-BMDG RSM-132-7-XXX-BMDG RSM-144-7-XXX-BMDG RSM150-8-xxxM RSM150-8-xxxBMDG RSM120-9-XXXX RSM132-9-XXXX RSM144-9-XXXX RSM120-9-XXXBMDG RSM132-9-XXXBMDG RSM144-9-XXXBMDG RSM40-8-xxxM, RSM40-8-xxxMB, RSM110-8-xxxBMDG RSM120-8-xxxBMDG, RSM110-8-xxxM RSM120-8-xxxM RSM132-8-xxxM RSM132-8-xxxBMDG</p>	<p>mc-Si 200W ±3% mc-Si 245W mc-Si 150W +3% +ve power tolerance mc-Si 260-295W, in steps of 5 +3% +ve power tolerance mc-Si 330-385 Wp , in steps of 5 +3% +ve power tolerance mc-Si 255-265W, in steps of 5 +3% +ve power tolerance mc-Si,275 to 305W, in steps of 5w sc-Si, 410 to 415W, in steps of 5W mc-Si, 330 to 365W, in steps of 5w sc-Si, 275-320W in step of 5 sc-Si, 330-385 in step of 5 SC-Si, 320W to 320W in step of 5 mc-Si,300 to 300W, in steps of 5w SC-Si, 315 to 385W, in steps of 5w mc-Si,315 to 360W, in steps of 5w sc-si, 295 to 350W, in steps of 5W Sc-si, 350 to 405W, in step of 5W sc-si, 300 to 350W, in steps of 5W sc-Si, 330-370W in steps of 5 sc-Si, 360 to 415W, in steps of 5W sc-Si, 280-325W in steps of 5 sc-Si, 340 to 385W in steps of 5 sc-si ,355 -375W , in step of 5 Sc-si ,355 -375W , in step of 5 sc-Si,425 -450, instep of 5W sc-Si,425 -450W, in steps of 5w sc-Si,410-455W, in step of 5W sc-Si,330-360W , in step of 5W sc-Si,400- 430W , in step of 5W sc-Si,xxx=355-380W , in step of 5W sc-Si,xxx=390-420W, in step of 5W sc-Si,xxx=425-455W, in step of 5W sc-Si,xxx=465-505W , in step of 5W sc-Si,xxx=465-510W , in step of 5W sc-si ,xxx=440 to 465W, in step of 5W sc-si ,xxx=485 to 510W , in step of 5W sc-si ,xxx=525 to 555W, in step of 5W sc-si ,xxx=435 to 460W, in step of 5W sc-si ,xxx=480 to 505W, in step of 5W sc-si ,xxx=520-550W, in step of 5W sc-si,xxx=385-415W, in steps of 5W sc-si,xxx= 385-415W, in steps of 5W; sc-si, xxx= 525-560W, in steps of 5W; sc-si,xxx=560-610W, in steps of 5W. sc-si,xxx=525-560W , in step of 5W sc-si,xxx=575-610W , , in step of 5W sc-si,xxx= 640-670W , , in step of 5W sc-si,xxx=640-670W , , in step of 5W</p>	
<p>RenewSys India Private Limited</p>	<p>DESERV 3M6 XXX DESERV 3M6 XXX DESERV 3M6 XXX DESERV 3M6 XXX 356H Series DESERV 3M6 XXX DESERV SGALACTIC DESERV 356H</p>	<p>mc-si ( 36 cells ) 140 W - 170 W mc-si ( 48 cells ) 185 W - 230W mc-si ( 54 cells ) 210 W - 260 W mc-si ( 60 cells ) 235 W - 285 W Sc-Si,160Wp to 390Wp mc-si (72 cells ) 280 W - 345 W sc-si,xxx=380 Wp - 405 Wp , in step of 5W sc-si,xxx=375 W - 400 Wp, in step of 5W</p>	

Recom Silla Sas

RCM-xxx-SMT2  
RCM-xxx-SMS1  
RCM-xxx-SMT  
RCM-xxx-SMS  
RCM-xxx-SMC  
RCM-xxx-SMB  
RCM-xxx-SMA  
RCM-xxx-SMT1

Mc-Si,xxx=645-655 in step of 5W  
Mc-Si,xxx=535-550, in Step of 5W  
Mc-Si, xxx=635-655, in Step of 5W  
Mc-Si,xxx=530-545, in Step of 5W  
Mc-Si, xxx=505-520,in Step of 5W  
Mc-Si, xx=380-415,in Step of 5W  
Mc-Si,xxx=460-500, in Step of 5W  
Mc-Si ,xxx=605-625 in step of 5W

RKM LIGHTWAY GREEN ENERGY TECHNOLOGY LLC	LW6M60-xxx	sc-Si, xxx=260-325, in increment of 5
	LW6P72-xxx	mc-Si,xxx=305-340, in increment of 5
	LW6M72-xxx	sc-Si, xxx=310-390, in increment of 5
	LW6P60-xxx	mc-Si, xxx= 255-280, in increment of 5
	LW6MH60-xxx	sc-Si, xxx=315-345, in increment of 5
	LW6MH66-xxx	sc-Si, xxx=345-380, in increment of 5
	LW6MH72-xxx	sc-Si, xxx=375-415, in increment of 5
	LW6P60-xxx	mc-Si, xxx=255-280, in increment of 5
	LW6PH60-xxx LW6PH72-xxx	mc-Si, xxx=280-310, in increment of 5 mc-Si, xxx=335-375, in increment of 5
Saatvik Green Energy Pvt. Ltd	SGE325-72P	ms-Si 325 W
	SGE330-72P	rms-Si 330 W
	SGE260-60P	ms-Si 260 W
	SGE270-60P	ms-Si 270 W
Solar One Co W.L.L	S1-xxx-72MH	mc-si,xxx=360-390wp, in step of 5W
	S1-xxx-72M	mc-si,xxx=360-390wp, in step of 5W
	S1-xxx-60M	mc-si,xxx=300-330wp, in step of 5W
	S1-xxx-144M	sc-si,xxx=435-450wpp , in step of 5W
	S1-xxx-144MH	sc-si,xxx=435-450wpp , in step of 5W
	S1-xxx-144M S1-xxx-144MH	sc-si,xxx=535-545wpp , in step of 5W sc-si,xxx=535 - 545wpp , in step of 5W
S-Energy	SM-xxxPC8	Mc-Si 250-260W, in steps of 5
	SM-xxxPC8	Mc-Si 295-305W, in steps of 5
	SN-xxxP10	Mc-Si 250-265W, in steps of 5
	SN-xxxP10	Mc-Si 295-315W, in steps of 5
Solvis d.o.o.	SV60-xxxE	monocrystalline 290-405, in step of 5
	SV60-xxx	polycrystalline 270-290, in step of 5
	SV72-xxxE	monocrystalline 345-365, in step of 5
	SV72-xxx	polycrystalline 320-340, in step of 5

PV MODULES		
Manufacturer name	Product ID	Description

Manufacturer name	Product ID	Description
Sunovation	SUNOVATION eFORM Arc GG-260-C	sc-Si 215.8 Wp
	SUNOVATION eFORM Arc GG-125-C	sc-Si 107.9 Wp
	SUNOVATION eFORM Arc GG-160-C	sc-Si 134.9 Wp
	SUNOVATION eFORM Arc GG-130-C	sc-Si 107.9 Wp
	SUNOVATION eFORM Color GG-195-F	sc-Si 161.8 Wp
	SUNOVATION eFORM Color GG-95-F	sc-Si 80.9 Wp
	SUNOVATION eFORM Color GG-120-F	sc-Si 100.1 Wp
	SUNOVATION eFORM Color GG-100-F	sc-Si 80.9 Wp
	SUNOVATION eFORM Color GG-160-F	sc-Si 134.9 Wp
	SUNOVATION eFORM Color GG-190-F	sc-Si 161.8 Wp
	RA-01o-0	Mono Crystalline 524 Wp
	RA-01i-0	Mono Crystalline 436 Wp
	RA-C1o-0	Mono Crystalline 554 Wp
	RA-C1i-0	Mono Crystalline 436 Wp
	RA-C2o-0	Mono Crystalline 554 Wp
	RA-C2i-0	Mono Crystalline 436 Wp
	RB-01o-0	Mono Crystalline 568 Wp
	RB-01i-0	Mono Crystalline 514 Wp
	RB-C1o-0	Mono Crystalline 568 Wp
	RB-C1i-0	Mono Crystalline 514 Wp
	RB-C2o-0	Mono Crystalline 568 Wp
	RB-C2i-0	Mono Crystalline 514 Wp
	RC-01o-0	Mono Crystalline 573 Wp
	RC-01i-0	Mono Crystalline 539 Wp
	RC-C1o-0	Mono Crystalline 593 Wp
	RC-C1i-0	Mono Crystalline 539 Wp
	RC-C2o-0	Mono Crystalline 593 Wp
	RC-C2i-0	Mono Crystalline 539 Wp
	RD-01o-0	Mono Crystalline 578 Wp
	RD-01i-0	Mono Crystalline 558 Wp
	RD-C1o-0	Mono Crystalline 578 Wp
	RD-C1i-0	Mono Crystalline 558 Wp
	RD-C2o-0	Mono Crystalline 578 Wp



RD-C2i-0	Mono Crystalline	558 Wp
RE-01o-0	Mono Crystalline	583 Wp
RE-01i-0	Mono Crystalline	583 Wp
RE-C1o-0	Mono Crystalline	583 Wp
RE-C1i-0	Mono Crystalline	583 Wp
RE-C2o-0	Mono Crystalline	583 Wp
RE-C2i-0	Mono Crystalline	583 Wp
RF-01o-0	Mono Crystalline	588 Wp
RF-01i-0	Mono Crystalline	583 Wp
RF-C1o-0	Mono Crystalline	588 Wp
RF-C1i-0	Mono Crystalline	583 Wp
RF-C2o-0	Mono Crystalline	588 Wp
RF-C2i-0	Mono Crystalline	583 Wp
SA-01o-0	Mono Crystalline	593 Wp
SA-01i-0	Mono Crystalline	583 Wp
SA-C1o-0	Mono Crystalline	593 Wp
SA-C1i-0	Mono Crystalline	583 Wp
SA-C2o-0	Mono Crystalline	593 Wp
SA-C2i-0	Mono Crystalline	583 Wp
SA-02o-R	Mono Crystalline	583 Wp
SA-02o-L	Mono Crystalline	583 Wp
SA-03o-R	Mono Crystalline	480 Wp
SA-03o-L	Mono Crystalline	480 Wp
SA-04o-R	Mono Crystalline	363 Wp
SA-04o-L	Mono Crystalline	363 Wp
SA-05o-R	Mono Crystalline	265 Wp
SA-05o-L	Mono Crystalline	265 Wp
SA-06o-R	Mono Crystalline	171 Wp
SA-06o-L	Mono Crystalline	171 Wp
SA-07o-R	Mono Crystalline	83 Wp
SA-07o-L	Mono Crystalline	83 Wp

**PV MODULES**

Manufacturer name	Product ID	Description
	SA-08-R	Mono Crystalline 598 Wp
	SA-08-L	Mono Crystalline 598 Wp
	SA-09-R	Mono Crystalline 519 Wp
	SA-09-L	Mono Crystalline 519 Wp
	SA-10-R	Mono Crystalline 451 Wp
	SA-10-L	Mono Crystalline 451 Wp
	SA-11-R	Mono Crystalline 382 Wp
	SA-11-L	Mono Crystalline 382 Wp
	SA-12-R	Mono Crystalline 318 Wp
	SA-12-L	Mono Crystalline 318 Wp
	SA-13-R	Mono Crystalline 255 Wp
	SA-13-L	Mono Crystalline 255 Wp
	SA-14-R	Mono Crystalline 196 Wp
	SA-14-L	Mono Crystalline 196 Wp
	SA-15-R	Mono Crystalline 147 Wp
	SA-15-L	Mono Crystalline 147 Wp
	SA-16-R	Mono Crystalline 98 Wp
	SA-16-L	Mono Crystalline 98 Wp
	SA-17-R	Mono Crystalline 54 Wp
	SA-17-L	Mono Crystalline 54 Wp
	SB-01o-0	Mono Crystalline 598 Wp
	SB-01i-0	Mono Crystalline 583 Wp
	SB-C1o-0	Mono Crystalline 598 Wp
	SB-C1i-0	Mono Crystalline 583 Wp
	SB-C2o-0	Mono Crystalline 598 Wp
	SB-C2i-0	Mono Crystalline 583 Wp
	SB-02o-R	Mono Crystalline 485 Wp
	SB-02o-L	Mono Crystalline 485 Wp
	SB-03o-R	Mono Crystalline 343 Wp
	SB-03o-L	Mono Crystalline 343 Wp
	SB-04o-R	Mono Crystalline 201 Wp
	SB-04o-L	Mono Crystalline 201 Wp
	SB-05o-R	Mono Crystalline 78 Wp
	SB-05o-L	Mono Crystalline 78 Wp

Sunovation

SB-06-R	Mono Crystalline	554 Wp
SB-06-L	Mono Crystalline	554 Wp
SB-07-R	Mono Crystalline	446 Wp
SB-07-L	Mono Crystalline	446 Wp
SB-08-R	Mono Crystalline	323 Wp
SB-08-L	Mono Crystalline	323 Wp
SB-09-R	Mono Crystalline	225 Wp
SB-09-L	Mono Crystalline	225 Wp
SB-10-R	Mono Crystalline	122 Wp
SB-10-L	Mono Crystalline	122 Wp
SB-11-R	Mono Crystalline	24 Wp
SB-11-L	Mono Crystalline	24 Wp
SC-01o-0	Mono Crystalline	603 Wp
SC-01i-0	Mono Crystalline	583 Wp
SC-C1o-0	Mono Crystalline	603 Wp
SC-C1i-0	Mono Crystalline	583 Wp
SC-C2o-0	Mono Crystalline	603 Wp
SC-C2i-0	Mono Crystalline	583 Wp
SC-02o-R	Mono Crystalline	505 Wp
SC-02o-L	Mono Crystalline	505 Wp
SC-03o-R	Mono Crystalline	328 Wp
SC-03o-L	Mono Crystalline	328 Wp
SC-04o-R	Mono Crystalline	181 Wp
SC-04o-L	Mono Crystalline	181 Wp
SC-05-R	Mono Crystalline	627 Wp
SC-05-L	Mono Crystalline	627 Wp
SC-06-R	Mono Crystalline	490 Wp
SC-06-L	Mono Crystalline	490 Wp
SC-07-R	Mono Crystalline	358 Wp

PV MODULES

Manufacturer name	Product ID	Description
	SC-07-L	Mono Crystalline 358 Wp
	SC-08-R	Mono Crystalline 230 Wp
	SC-08-L	Mono Crystalline 230 Wp
	SC-09-R	Mono Crystalline 98 Wp
	SC-09-L	Mono Crystalline 98 Wp
	SD-01o-0	Mono Crystalline 612 Wp
	SD-01i-0	Mono Crystalline 583 Wp
	SD-C1o-0	Mono Crystalline 617 Wp
	SD-C1i-0	Mono Crystalline 583 Wp
	SD-C2o-0	Mono Crystalline 617 Wp
	SD-C2i-0	Mono Crystalline 583 Wp
	SD-02o-R	Mono Crystalline 534 Wp
	SD-02o-L	Mono Crystalline 534 Wp
	SD-03o-R	Mono Crystalline 377 Wp
	SD-03o-L	Mono Crystalline 377 Wp
	SD-04o-R	Mono Crystalline 220 Wp
	SD-04o-L	Mono Crystalline 220 Wp
	SD-05o-R	Mono Crystalline 64 Wp
	SD-05o-L	Mono Crystalline 64 Wp
	SD-06-R	Mono Crystalline 524 Wp
	SD-06-L	Mono Crystalline 524 Wp
	SD-07-R	Mono Crystalline 387 Wp
	SD-07-L	Mono Crystalline 387 Wp
	SD-08-R	Mono Crystalline 250 Wp
	SD-08-L	Mono Crystalline 250 Wp
	SD-09-R	Mono Crystalline 113 Wp
	SD-09-L	Mono Crystalline 113 Wp
	SE-01o-0	Mono Crystalline 612 Wp
	SE-01i-0	Mono Crystalline 583 Wp
	SE-C1o-0	Mono Crystalline 617 Wp
	SE-C1i-0	Mono Crystalline 583 Wp
	SE-C2o-0	Mono Crystalline 617 Wp
	SE-C2i-0	Mono Crystalline 583 Wp
	SE-02o-R	Mono Crystalline 529 Wp
	SE-02o-L	Mono Crystalline 529 Wp
	SE-03o-R	Mono Crystalline 412 Wp

Sunovation

SE-03o-L	Mono Crystalline	412 Wp
SE-04o-R	Mono Crystalline	284 Wp
SE-04o-L	Mono Crystalline	284 Wp
SE-05o-R	Mono Crystalline	157 Wp
SE-05o-L	Mono Crystalline	157 Wp
SE-06o-R	Mono Crystalline	34 Wp
SE-06o-L	Mono Crystalline	34 Wp
SE-07-R	Mono Crystalline	514 Wp
SE-07-L	Mono Crystalline	514 Wp
SE-08-R	Mono Crystalline	392 Wp
SE-08-L	Mono Crystalline	392 Wp
SE-09-R	Mono Crystalline	269 Wp
SE-09-L	Mono Crystalline	269 Wp
SE-10-R	Mono Crystalline	147 Wp
SE-10-L	Mono Crystalline	147 Wp
SF-01i-0	Mono Crystalline	583 Wp
SF-C1o-0	Mono Crystalline	314 Wp
SF-C1i-0	Mono Crystalline	583 Wp
SF-C2o-0	Mono Crystalline	314 Wp
SF-C2i-0	Mono Crystalline	583 Wp
SF-01o-R	Mono Crystalline	299 Wp
SF-01o-L	Mono Crystalline	299 Wp
SF-02o-R	Mono Crystalline	265 Wp
SF-02o-L	Mono Crystalline	265 Wp
SF-03o-R	Mono Crystalline	245 Wp
SF-03o-L	Mono Crystalline	245 Wp
SF-04o-R	Mono Crystalline	216 Wp

PV MODULES

Manufacturer name	Product ID	Description
	SF-04o-L	Mono Crystalline 216 Wp
	SF-05o-R	Mono Crystalline 176 Wp
	SF-05o-L	Mono Crystalline 176 Wp
	SF-06o-R	Mono Crystalline 132 Wp
	SF-06o-L	Mono Crystalline 132 Wp
	SF-07o-R	Mono Crystalline 78 Wp
	SF-07o-L	Mono Crystalline 78 Wp
	SF-08-R	Mono Crystalline 612 Wp
	SF-08-L	Mono Crystalline 612 Wp
	SF-09-R	Mono Crystalline 558 Wp
	SF-09-L	Mono Crystalline 558 Wp
	SF-10-R	Mono Crystalline 495 Wp
	SF-10-L	Mono Crystalline 495 Wp
	SF-11-R	Mono Crystalline 426 Wp
	SF-11-L	Mono Crystalline 426 Wp
	SF-12-R	Mono Crystalline 353 Wp
	SF-12-L	Mono Crystalline 353 Wp
	SF-13-R	Mono Crystalline 274 Wp
	SF-13-L	Mono Crystalline 274 Wp
	SF-14-R	Mono Crystalline 191 Wp
	SF-14-L	Mono Crystalline 191 Wp
	SF-15-R	Mono Crystalline 103 Wp
	SF-15-L	Mono Crystalline 103 Wp
	SG-01i-0	Mono Crystalline 583 Wp
	SG-C1o-0	Mono Crystalline 69 Wp
	SG-C1i-0	Mono Crystalline 583 Wp
	SG-C2o-0	Mono Crystalline 69 Wp
	SG-C2i-0	Mono Crystalline 583 Wp
	SG-01o-R	Mono Crystalline 69 Wp
	SG-01o-L	Mono Crystalline 69 Wp
	SG-02o-R	Mono Crystalline 44 Wp
	SG-02o-L	Mono Crystalline 44 Wp
	SG-03o-R	Mono Crystalline 34 Wp
	SG-03o-L	Mono Crystalline 34 Wp
	SG-04o-R	Mono Crystalline 34 Wp
	SG-04o-L	Mono Crystalline 34 Wp
	SG-05-R	Mono Crystalline 607 Wp
	SG-05-L	Mono Crystalline 607 Wp

Sunovation

	SG-06-R	Mono Crystalline 583 Wp	
	SG-06-L	Mono Crystalline 583 Wp	
	SG-07-R	Mono Crystalline 563 Wp	
<b>PV MODULES</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	
Sunovation	SG-07-L	Mono Crystalline 563 Wp	
	SG-08-R	Mono Crystalline 549 Wp	
	SG-08-L	Mono Crystalline 549 Wp	
	SG-09-R	Mono Crystalline 514 Wp	
	SG-09-L	Mono Crystalline 514 Wp	
	SG-10-R	Mono Crystalline 485 Wp	
	SG-10-L	Mono Crystalline 485 Wp	
	SG-11-R	Mono Crystalline 461 Wp	
	SG-11-L	Mono Crystalline 461 Wp	
	SG-12-R	Mono Crystalline 431 Wp	
	SG-12-L	Mono Crystalline 431 Wp	
	SG-13-R	Mono Crystalline 402 Wp	
	SG-13-L	Mono Crystalline 402 Wp	
	SG-14-R	Mono Crystalline 372 Wp	
	SG-14-L	Mono Crystalline 372 Wp	
	SG-15-R	Mono Crystalline 338 Wp	
	SG-15-L	Mono Crystalline 338 Wp	
	SG-16-R	Mono Crystalline 304 Wp	
	SG-16-L	Mono Crystalline 304 Wp	
	SG-17-R	Mono Crystalline 269 Wp	
	SG-17-L	Mono Crystalline 269 Wp	
	SG-18-R	Mono Crystalline 235 Wp	
	SG-18-L	Mono Crystalline 235 Wp	
	SG-19-R	Mono Crystalline 201 Wp	
	SG-19-L	Mono Crystalline 201 Wp	
	SG-20-R	Mono Crystalline 167 Wp	
	SG-20-L	Mono Crystalline 167 Wp	
	SG-21-R	Mono Crystalline 132 Wp	
	SG-21-L	Mono Crystalline 132 Wp	
	SG-22-R	Mono Crystalline 103 Wp	
	SG-22-L	Mono Crystalline 103 Wp	
	SG-23-R	Mono Crystalline 69 Wp	
	SG-23-L	Mono Crystalline 69 Wp	
	PE-000-0	Mono Crystalline 529 Wp	
	ET-T1-00	Mono Crystalline 113 Wp	
	ET-T2-00	Mono Crystalline 314 Wp	
	ET-T3-17	Mono Crystalline 299 Wp	
	ET-T3-17 BI	Mono Crystalline 299 Wp	
	ET-T4-17	Mono Crystalline 318 Wp	
	ET-T4.1-17	Mono Crystalline 118 Wp	
	ET-T4.1-17 BI	Mono Crystalline 201 Wp	
	ET-T5-17	Mono Crystalline 235 Wp	
	ET-T1-00	Mono Crystalline 113 Wp	
	ET-T2-00	Mono Crystalline 314 Wp	
	ET-T3-16	Mono Crystalline 299 Wp	
	ET-T3-16 BI	Mono Crystalline 299 Wp	
	ET-T4-16	Mono Crystalline 402 Wp	
	Boundary Wall PV-Panel	Mono Crystalline 345 Wp	
	Canopy PV-Panel	Mono Crystalline 365 Wp	
	EV-Tree PV-Panel	Mono Crystalline 220 Wp	
	Sunman (Hong Kong) Limited	SMF160M-6X6	sc-Si 160 Wp
		SMF270M-6X10	sc-Si 270 Wp
		SMF325M-6X12	sc-Si 325 Wp
SMFXXXF-12X12UW		Mc-Si, xxx=405-440W, in step of 5	
SMFXXXF-6X24UW		Mc-Si, xxx=415-440 W, in step 5	
	SRP-XXX-6PA	mc-Si (XXX=305-320), in steps of 5	
	SRP-XXX-6PB	mc-Si (XXX=225-265), in steps of 5	
	SRP-XXX-6PA	sc-Si, mc-Si(XXX=320-350),in steps of 5	
	SRP-XXX-6PA-H	sc-Si, mc-Si(XXX=320-350),in steps of 5	
	SRP-XXX-6PB	sc-Si, mc-Si(XXX=270-290),in step of 5	
	SRP-XXX-6PB-HV	sc-Si, mc-Si(XXX=270-290),in step of 5	
	SRP-XXX-6MA	sc-Si, mc-Si(XXX=340-380), instep of 5	

SERAPHIM SOLAR SYSTEM CO.,LTD

SRP-XXX-6MA-HV  
 SRP-XXX-6MB  
 SRP-XXX-6MB-HV  
 SRP-XXX-BMA-BG  
 SRP-XXX-BMB-BG  
 SRP-XXX-BMC-BG  
 SRP-XXX-BMD-BG  
 SRP-XXX-BMA-HV  
 SRP-XXX-BMA  
 SRP-XXX-BMB-HV  
 SRP-XXX-BMB  
 SRP-XXX-BMC-HV  
 SRP-XXX-BMC  
 SRP-XXX-BMD-HV  
 SRP-XXX-BMD

sc-Si, mc-Si(XXX=340-380), instep of 5  
 sc-Si, mc-Si(XXX=285-315),in step of 5  
 sc-Si, mc-Si(XXX=285-315),in step of 5  
 Sc-Si,XXX=420-455 ,525-555 in steps of 5  
 Sc-Si,xxx=350-375,440-460,590-605 in steps of 5  
 Sc-Si,xxx=305-375,485-505,650-670 in steps of 5  
 Sc-Si,xxx=390-415,535-545 in steps of 5  
 Sc-Si,XXX=420-455,525-555 in steps of 5  
 Sc-Si,XXX=420-455,525-555 in steps of 5  
 Sc-Si,XXX=350-375,440-460,590-605 in steps of 5  
 Sc-Si,XXX=350-375,440-460,590-605 in steps of 5  
 Sc-Si,XXX=305-380,485-505,650-670 in steps of 5  
 Sc-Si,XXX=305-380,485-505,650-670 in stpes fo 5  
 Sc-Si,xxx=390-415,535-545 in steps of 5  
 Sc-Si,xxx=390-415,535-545 in steps of 5

**PV MODULES**

Manufacturer name	Product ID	Description
SERAPHIM SOLAR SYSTEM CO.,LTD	SRP-XXX-BPA	sc-Si, mc-Si(XXX=320-355),in step of 5
	SRP-XXX-BPA-HV	sc-Si, mc-Si(XXX=320-355),in step of 5
	SRP-XXX-BPB	sc-Si, mc-Si(XXX=270-295),in step of 5
	SRP-XXX-BPB-HV	sc-Si, mc-Si(XXX=270-295),in step of 5
	SRP-XXX-BMA	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-BMA-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-BMB	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-BMB-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E11A	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-E11A-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-E11A/SRP-XXX-E11A-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-E11B/SRP-XXX-E11B-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E01A/SRP-XXX-E01A-HV	sc-Si, mc-Si(XXX=365-410),in step of 5
	SRP-XXX-E01B/SRP-XXX-E01B-HV	sc-Si, mc-Si(XXX=305-340),in step of 5
	SRP-XXX-BPA/SRP-XXX-BPA-HV	sc-Si, mc-Si(XXX=320-355),in step of 5
	SRP-XXX-BPB/SRP-XXX-BPB-HV	sc-Si, mc-Si(XXX=270-295),in step of 5
	SRP-XXX-BMA/SRP-XXX-BMA-HV	sc-Si, mc-Si(XXX=340-380),in step of 5
	SRP-XXX-BMB/SRP-XXX-BMB-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-6PA/SRP-XXX-6PA-HV	sc-Si, mc-Si(XXX=320-350),in step of 6
	SRP-XXX-6PB/SRP-XXX-6PB-HV	sc-Si, mc-Si(XXX=270-290),in step of 7
	SRP-XXX-6MA/SRP-XXX-6MA-HV	sc-Si, mc-Si(XXX=340-380),in step of 8
	SRP-XXX-6MB/SRP-XXX-6MB-HV	sc-Si, mc-Si(XXX=285-315),in step of 9
	SRP-XXX-E11B	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E11B-HV	sc-Si, mc-Si(XXX=285-315),in step of 5
	SRP-XXX-E01A	sc-Si, mc-Si(XXX=365-410),in step of 5
	/SRP-XXX-E01A-HV	sc-Si, mc-Si(XXX=365-410),in step of 5
	SRP-XXX-E01B	sc-Si, mc-Si(XXX=305-340),in step of 5
	SRP-XXX-E01B-HV	sc-Si, mc-Si(XXX=305-340),in step of 5
	SRP-XXX-6MA	sc-Si (XXX=310-325), in steps of 5
	SRP-XXX-6MB	sc-Si (XXX=265-280), in steps of 5
	SRP-XXX-BMA	sc-Si(XXX=385-415W), in step of 5
	SRP-XXX-BMA-HV	sc-Si(XXX=385-415W), in step of 5
	SRP-XXX-BMB	mc-Si(XXX=320-345W), in step of 5
	SRP-XXX-BMB-HV	mc-Si(XXX=320-345W), in step of 5
	SRP-XXX-BMA-BG	sc-Si, mc-Si (XXX=350-450 and XXX=525-540) , in step of 5W
	SRP-XXX-BMB-BG	sc-Si, mc-Si BG(XXX=290-375 and XXX=440-450) , in step of 5W
	SRP-XXX-BMC-BG	sc-Si, mc-Si ,(XXX=320-375 and XXX=485-495) , in step of 5W
	SRP-XXX-BMD-BG	sc-Si, mc-Si ,(XXX=395-405) , in step of 5W
	SRP-XXX-BMZ-BG	sc-Si, mc-Si (XXX=425-450) , , in step of 5W
	SRP-XXX-BMA-HV/ SRP-XXX-BMA	sc-Si, mc-Si (XXX=420-450 and XXX=525-545) , in step of 5W
SRP-XXX-BMB-HV/ SRP-XXX-BMB	sc-Si, mc-Si XXX=350-375 and XXX=440-450) , in step of 5W	
SRP-XXX-BMC-HV/ SRP-XXX-BMC	sc-Si, mc-Si (XXX=305-380 and XXX=485-495) , in step of 5W	
SRP-XXX-BMD-HV/ SRP-XXX-BMD	sc-Si, mc-Si (XXX=390-405) , in step of 5W	
SRP-XXX-BMZ-HV/ SRP-XXX-BMZ	sc-Si, mc-Si (XXX=425-450) , in step of 5W	
SRP-XXX-BMA-BG	XXX=(420-455 ,525-555), in step of 5W	
SRP-XXX-BMB-BG	XXX=350-375,440-460,590-605 in steps of 5W	
SRP-XXX-BMC-BG	XXX=305-375,485-505,650-670 in steps of 5W	
SRP-XXX-BMD-BG	XXX=390-415,535-545 in steps of 5W	
SRP-XXX-BMA-HV	XXX=420-455,525-555, in steps fo 5W	
SRP-XXX-BMA	XXX=420-455,525-555, in stpes fo 5W	
SRP-XXX-BMB-HV	XXX=350-375,440-460,590-605,in steps of 5W	
SRP-XXX-BMB	XXX=305-380,485-505,650-670,in steps of 5W	
SRP-XXX-BMC-HV	XXX=305-380,485-505,650-670,in steps of 5W	
SRP-XXX-BMC	XXX=390-415,535-545,in steps of 5W	

	SRP-XXX-BMD-HV SRP-XXX-BMD	(XXX=390-415 and XXX=535-545),in steps of 5W (XXX=390-415 and XXX=535-545),in steps of 5W
Shandong Linuo Photovoltaic Hi-tech Co., Ltd	LN260(30) M-4-xxx LN260(30) P-4-xxx	sc-Si, 270 -280 in steps of 5 Mc-Si, 260 -270 in steps of 5
Shanghai Aerospace Automobile Electromechanical Co., Ltd	HT72-156P-XXX HT60-156P-XXX HT72-156M-XXX HT60-156M-XXX	Poly c-Si (XXX=310-330, in steps of 5) Poly c-Si (XXX=260-275, in steps of 5) mono c-Si(XXX=330-345, 355-360 in steps of 5) mono c-Si(XXX=270-310, in steps of 5)
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Sharp Electronics	NU-RJ XXX	mono c-Si 280 - 285W (in steps of 5W)
	ND-RJ XXX	Poly c-Si 255 - 275W (in steps of 5W)
	ND-RCXXX	poly crystalline 215-310 in steps of 5
	NU-RDXXX	mono crystalline 215-310 in steps of 5
	NU-RCXXX	Poly crystalline 215-310 in steps of 5
	ND-RBxxx	Poly crystalline 245-290 (in steps of 5W)
	NU-SCxxx	Mono crystalline 335-375 (in steps of 5W)
	NQ-RxxxA	256- 260W (in steps of 2W)
	ND-Abxxx	mono crystalline 285-340 W, in steps of 5
	ND-RKxxx	poly crystalline 235-285W , in steps of 5
	NU-AHxxx	poly crystalline, 285-345W , in steps of 5
	ND-AKxxx	poly crystalline, 235-285W , in steps of 5
	ND-AC275	Poly Crystalline, 275w
	ND-AF330C	Poly Crystalline, 330w
	NU-AC310	Mono Crystalline, 310w
	NU-AF370	Mono Crystalline, 370w
	NU-JC320B	Mono crystalline, 320 W
	NU-JC330	Mono crystalline, 330 W
	NU-JB395	Mono crystalline, 395 W
	NU-JCxxx8	sc-si,xxx=360W
	NU-JCxxx	sc-si, xxx=370 W
	NU-JDxxx	sc-si, xxx=440W
	NU-JDxxx	sc-si, xxx=445W
NU-JD540	Sc-Si xxx=540 W	
NU-JD450	Sc-Si xxx=450 W	
NU-JC365B	Sc-Si xxx=365 W	
NU-JC375	Sc-Si xxx=375 W	
NU-JC400B	Sc-Si xxx=400 W	
NU-JC410	Sc-Si xxx=410 W	
NU-JD450	Sc-Si xxx=450 W	
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
SolarWorld AG	Sunmodule Plus SW XXX poly	Mc-Si, 260 W
	Sunmodule Plus SW XXX mono	sc-Si, 270, 290, 295W
	Sunmodule SW XXX XL mono	sc-Si, 340, 345W
	Sunmodule Protect SW 280 mono black	Mono-Crystalline 280 Watt peak 0 / + 5 Wp
	Sunmodule Plus SW 260 poly	Poly-Crystalline Si 260 Watt peak 0/+ 5 Wp
	Sunmodule Plus SW 265 poly	Poly-Crystalline Si 265 Watt peak 0/+ 5 Wp
	Sunmodule Plus SW 285 mono	Mono-Crystalline Si 285 Watt peak 0 / + 5 Wp
	Sunmodule Plus SW 285 mono black	Mono-Crystalline Si 285 Watt peak 0 / + 5 Wp
	Sunmodule Plus SW 290 mono black	Mono-Crystalline Si 290 Watt peak 0 / + 5 Wp
	Sunmodule Plus SW 300 mono	Mono-Crystalline Si 300 Watt peak 0 / + 5 Wp
	Sunmodule SW 325 XL mono	Mono-Crystalline Si 325 Watt peak 0 / + 5 Wp
	Sunmodule SW 335 XL mono	Mono-Crystalline Si 335 Watt peak 0 / + 5 Wp
	Sunmodule SW 340 XL mono	Mono-Crystalline Si 340 Watt peak 0 / + 5 Wp
	Sunmodule SW 345 XL mono	Mono-Crystalline Si 345 Watt peak 0 / + 5 Wp
	Sunmodule SW 350 XL mono	Mono-Crystalline Si 350 Watt peak 0 / + 5 Wp
	Sunmodule Bisun SW 280 duo	Mono-Crystalline Si 280 Watt peak 0 / + 5 Wp
Sunmodule Bisun SW 325 duo	Mono-Crystalline Si 325 Watt peak 0 / + 5 Wp	
SOLARWATT GmbH	Vision 60P	Poly-Crystalline Si (275-285 Wp, in step of 5)
	Vision 60P style	Poly-Crystalline Si (265 Wp, 270 Wp)
	Vision 60M style	Mono-Crystalline Si (280-295 Wp), in step of 5
	Vision 60M high power	Mono-Crystalline Si (295 Wp, 300 Wp)
Solar Frontier	SFXXX-5	CIGS 130-170W
Solar Leading Group Limited	JKMXXXP-60	mc-si 245-265W, in steps of 5
	JKMXXXP-72	mc-Si 295-320W, in steps of 5
	JKMXXXM-60	sc-Si 255-280W, in steps of 5
	JKMXXXM-72	sc-Si 300-320W, in steps of 5
Solar One	S1-xxx-72MH	mc-si ,xxx=360-390W , in step of 5
	S1-xxx-72M	mc-si,xxx=360-390W , in step of 5
	S1-xxx-60M	mc-si,xxx=00-330W, in step of 5

Solar Solution (AEG)	AS-P368 - xxx AS-P548 - xxx AS-P608 - xxx AS-P728 - xxx	c-Si, 140-170 Wp, in steps of 5 Wp c-Si, 210-250 Wp, in steps of 5 Wp c-Si, 235-280 Wp, in steps of 5 Wp c-Si, 285-335 Wp, in steps of 5 Wp
Solon International LL FZE	Solon Blue/Black 220/16 Solon Blue/black 230/07 Solon Black 230/02 Solon Blue 270/11 Solon Blue 270/12 Solon Blue 270/17 Solon Black 280/11 Solon Black 280/12 Solon Black 280/17	sc-Si, mc-Si 225 - 275 WP sc-Si, mc-Si 225-275 WP sc-Si, mc-Si 225-275 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP sc-Si, mc-Si 300-330 WP
lo	STO-XXXX STL-XXXX	CIGS 120-160W, in steps of 5 - +2% CIGS 120-160W, in steps of 5 - +2%
SunPower (Maxeon Co-Brand)	SPR-X21-345-COM SPR-E20-435 COM SPR-E20-327 COM SPR-P17-3xx COM SPR-E20-327 SPR-P19-xxx-COM PVC385 MP SPR-MAX2-xxx-COM SPR-MAX2-xxx SPR-MAX3-xxx-COM SPR-MAX3-xxx SPR-P19-xxx-BLK SPR-P3-xxx-COM SPR-P3-xxx-COM-1500 SPR-P3-xxx-BLK SPR-P3-xxx-UPP SPR-P3-xxx-COM-1500 SPR-MAX5-xxx-COM SPR-MAX5-xxx SPR-MAX3-xxx SPR-P5-xxx-UPP SPR-P6-535-COM-M-BF SPR-P6-540-COM-M-BF SPR-P6-545-COM-M-BF SPR-P6-550-COM-M-BF SPR-MAX3-xxx-BLK SPR-MAX6-xxx-BLK SPR-MAX6-xxx-COM SPR-MAX6-xxx	Back Contact Cell Mono Crystalline Maxeon) 327- 450W Back Contact Cell Mono Crystalline Maxeon) 327- 450W Back Contact Cell Mono Crystalline Maxeon) 327- 450W mc-si (xxx=315-85 in steps of 1, 498 cells) Back Contact Cell Mono Crystalline Maxeon) 327- 450W Monocrystalline, 380-405, in step of 1 Sc-Si, 385 W Mono crystalline ,xxx= 340 - 360, in step of 5 Mono crystalline ,xxx= 340 - 360, in step of 5 Mono crystalline ,xxx= 370-400, in step of 5 Mono crystalline ,xxx= 370-400, in step of 5 Mono crystalline ,xxx=310-335, in tstep of 5 Mono crystalline ,xxx= 400-415 W in step of 5 W Mono crystalline ,xxx= 400-415 W in step of 5 W Mono crystalline ,xxx= 315-335 W in step of 5 W monocrystalline,xxx=475-500W , in step of 5W monocrystalline,xxx=420 monocrystalline,xxx=430-450W , in stepof 5W monocrystalline,xxx=390-415W , in step of 5W monocrystalline,xxx=415-430W , in step of 5W monocrystalline,xxx=530W , in step of 5W monocrystalline,xxx=535W , in step of 5W monocrystalline,xxx=540W , in step of 5W monocrystalline,xxx=545W , in step of 5W monocrystalline,xxx=550W , in step of 5W monocrystalline,xxx=400-425W , in step of 5W monocrystalline,xxx=415-425W , in step of 5W monocrystalline,xxx=470,475W , in step of 5W monocrystalline,xxx=420,425,435W , in step of 5W
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Solibro GmbH PV module	SL2 SL2-F	CIGS 125-150 CIGS 125-150
Sunset Energietechnik GmbH	ASxxx/72 ASxxx/60 ASxxx/50 ASxxx/36 PXxxx/72 PXxxx/60 PXxxx/50 PXxxx/36	250-345W in steps of 5 210-290W in steps of 5 180-235W in steps of 5 130-170W in steps of 5 240-340W in steps of 5 205-285W in steps of 5 175-235W in steps of 5 130-170W in steps of 5
SUNSTYLE INTERNATIONAL SAS	SUNSTYLE M58 SUNSTYLE M65 SUNSTYLE M75 SUNSTYLE M90 SUNSTYLE M115	sc-si , 58Wp sc-Si, 65 W +/- 8W sc-Si, 73 W +/- 8W sc-Si, 90 W +/- 8W sc-Si, 114W +/- 6W
Suzhou Akcome Optronics Science &Technology Co., Ltd	SK6612M-xxx SK6610M-xxx SK6612P-xxx SK6610P-xxx	Mono-crystalline Silicon, 340W-375W in steps of 5 Mono-crystalline Silicon, 280W-315W in steps of 5 Poly-crystalline Silicon,320W-350W in steps of 5 Poly-crystalline Silicon,265W-290W in steps of 5
Swelect Energy Systems Ltd	HST72F320P HST72F345P HST72F340M HST72F365M	sc-Si , 320WP- 345WP sc-Si ,320WP-345WP mc-Si,340Wp – 365Wp mc-Si,340Wp – 365Wp
	TS XXX SBZ TPXXX SBZ	130-160 W in steps of 5, 36 cells 130-160 W in steps of 5, 36 cells

Tata Power Solar Modules	TS XXX XBZ TP XXX XBZ TS XXX XBZ TP XXX XBZ TS XXX MBZ TP XXX MBZ TP XXX LBZ TS XXX SGZ TP XXX SGZ TS XXX XGZ TP XXX XGZ TS XXX XGZ TP XXX XGZ TS XXX MGZ TP XXX MGZ TP XXX LGZ TC XXX	175-215 W in steps of 5, 48 cells 175-215 W in steps of 5, 48 cells 200-245 W in steps of 5, 54 cells 200-245 W in steps of 5, 54 cells 220-270 W in steps of 5, 60 cells 220-270 W in steps of 5, 60 cells 265-325 W in steps of 5, 72 cells 155-170 W in steps of 5, 36 cells 155-170 W in steps of 5, 36 cells 185-225 W in steps of 5, 48 cells 185-225 W in steps of 5, 48 cells 210-255 W in steps of 5, 54 cells 210-255 W in steps of 5, 54 cells 230-285 W in steps of 5, 60 cells 230-285 W in steps of 5, 60 cells 280-340 W in steps of 5, 72 cells 295-320 W in steps of 5, 72 cells
TommaTech GmbH	TTxxx-60M TTxxx-72M TTxxx-54M TTxxx-36M TTxxx-72P TTxxx-60P TTxxx-54P TTxxx-36P	Mono Crystalline, xxx=235-290, in step of 5 Mono Crystalline, xxx=285-350, in step of 5 Mono Crystalline, xxx=210-260, in step of 5 Mono Crystalline, xxx=140-175, in step of 5 Poly Crystalline, xxx=285-335, in step of 5 Poly Crystalline, xxx=235-280, in step of 5 Poly Crystalline, xxx=210-250, in step of 5 Poly Crystalline, xxx=140-170, in step of 5
Trina Solar	TSM-xxxPDG5 TSM-xxxPDG5.50 TSM-xxx PEG5 TSM-xxx PEG5.50 TSM-xxxPEG14(II) TSM-xxxDE15M(II) TSM-xxxDD05A(II) TSM-DD014A(II) TSM-DEG5(II) TSM-xxxPD14 TSM-DEG14(II) TSM-xxxDEG14C.07 (II) TSM-xxxDEG5C.07 (II) TSM-xxxDE05H(II) TSM-xxxPD14 TSM-xxxPEG14H TSM-xxxDEG14H(II) TSM-xxxDEG5H(II) TSM-xxxPEG5H(II) TSM-xxxDE14H(II) TSM-xxxPE05H(II) TSM-xxxDE15H (II) TSM-xxxPE14A TSM-DE06M(II) TSM-DEG6H20(II) TSM-DE15M(II) TSM-xxxPE15H.TO(II) TSM-xxxPE15M(II) TSM-xxxDEG17M.20(II) TSM-xxxDEG17MC.20(II) TSM-xxxDE17M(II) TSM-xxxDE17M.TO(II) TSM-DEG6M.20(II) TSM-DEG15M.20(II) TSM-DEG15MC.20(II) TSM-DE08M(II) TSM-DE18M(II) TSM-DEG18MC.20(II) TSM-DEG6MC.20(II) TSM-DE19 TSM-DE20 TSM-DEG19C.20 TSM-DEG20C.20	Poly c-Si 230-290 W,in steps of 5 Poly c-Si 230-290W, in steps of 5 Poly c-Si 230-290W, in steps of 5 Poly c-Si 230-290W, in steps of 5 mc-Si, 315-340 W, in step of 5 ms-Si, 355-420Wp, in steps of 5 mono c-Si, 270-315W, in step of 5 mono c-Si, 325-375W, in step of 5 mc-Si, 260-315W, in step of 5 mc-Si 325-345, in step of 5 mc-Si, 325-375W, in step of 5 mc-Si 345-365 Wp, in step of 5 mc-Si 290-310 Wp, in step of 5 mc-Si 285-315, in step of 5 mc-Si, 320 watt mc-Si, 330-345 W, in step of 5 W mc-Si, 350-385 W, in step of 5 mc-Si, 295-320 W, in step of 5 mc-Si, 270-290 W, in step of 5 mc-Si, 355-395 W, in step of 5 mc-Si, 275-290 W, in step of 5 mc-Si, xxx=335-420, in step of 5 mc-Si, 320-340 W, in step of 5 mc- Si, 325-340W, in step of 5 mc- Si, 315-335W, in step of 5 mc- Si, 390-410W, in step of 5 mc-Si, xxx= 340-375 W in step of 5 W sc-Si, xxx= 385-405 W in step of 5 W sc-Si, xxx= 430-450 W in step of 5 W sc-Si, xxx= 430-445 W in step of 5 W sc-Si, xxx= 430-450 W in step of 5 W sc-Si, xxx= 430-450 W in step of 5 W sc-Si, 325-340 W in step of 5 W sc-Si, 390-410 W in step of 5 W sc-Si, 390-410 W in step of 5 W mono-Si ,xxx=360-375 w, in step of 5W mono-Si,xxx=480-500 W , in step of 5W mono-Si,xxx=475-500 W , in step of 5W mono-si,xxx=300-345 W , in step of 5W mono-si,xxx=530-555 , in step of 5W mono-si,xxx=575-610 , in step of 5W mono-si,xxx=525-550 , in step of 5W mono-si,xxx=575-605 , in step of 5W



	TSM-DE09.05 TSM-DE09.08 TSM-DE09 TSM-DEG21C.20 TSM-DE21	mono-si,xxx=380-405 W , in step of 5W mono-si,xxx=380-405 W , in step of 5W mono-si,xxx=380-405 W , in step of 5W mono-si,xxx=640-675W , in step of 5 mono-si,xxx=645-670 W , in step of 5W
Tenka Solar	TKA-XXXM-108, XXX TKA-XXXM-144, XXX TKA-XXXM-132, XXX TKA-XXXM-144, XXX TKA-XXXM-156, XXX TKA-XXXM-108, XXX TKA-XXXM-144, XXX TKA-XXXM-132, XXX TKA-XXXM-144, XXX TKA-XXXM-156, XXX TKA-XXXM-108BF, XXX TKA-XXXM-144BF, XXX TKA-XXXM-132BF, XXX TKA-XXXM-144BF, XXX TKA-XXXM-156BF, XXX	Sc-Si, xxx=395-410 W, in step of 5W Sc-Si, xxx= 420-460 W, in step of 5W Sc-Si, xxx= 480- 500 W, in step of 5W Sc-Si, xxx=525-545 W, in step of 5W Sc-Si, xxx=565-595 W, in step of 5W Sc-Si XXX = 395 to 415 Sc-Si XXX = 435 to 460 Sc-Si XXX = 480 to 500 Sc-Si XXX = 525 to 550 Sc-Si XXX = 565 to 600 Sc-Si XXX= 395 to 415 Sc-Si xxx=435 to 460 Sc-Si xxx=480 to 500 Sc-Si xxx=525 to 550 Sc-Si xxx= 565 to 600
TSMC Solar Europe GmbH	TS-xxxC2 TS-xxxC1	CIGS 140-150W, in steps of 5 CIGS 140/150/155/165W
Upsolar Global CO.,Ltd	Up-MxxxM Up-MxxxM Up-MxxxP Up-MxxxP	sc-Si 260-325W, in step of 5 sc-Si 310-390W, in step of 5 mc-Si 250-305W, in step of 5 mc-Si 300-370W, in step of 5
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
UAB Viasolis	PRIME144M PRIME30M PRIME36M PRIME40M PRIME42M PRIME48M PRIME50M PRIME54M PRIME60M PRIME66M PRIME72M PRIME120M	Sc-si , xxx=430-460W , in step of 5W Sc-si, xxx=135-165W, in step of 5W Sc-si, xxx=165-180W, in step of 5W Sc-si, xxx=185-190W, in step of 5W Sc-si, xxx=195-215W, in step of 5W Sc-si, xxx=220-260W, in step of 5W Sc-si, xxx=260-275W, in step of 5W Sc-si, xxx=270-295W, in step of 5W Sc-si, xxx=295-330W, in step of 5W Sc-si, xxx=335-355W, in step of 5W Sc-si, xxx=355-395W, in step of 5W Sc-si, xxx=360-380W, in step of 5W
Ulicia Solar Systems	UL-xxxM-120 UL-xxxM-144	mono-si, xxx=375-380 W, in steps of 5W mono-si,xxx= 540 - 545, in steps of 5W
Visaka Industries	VIL-370AM VIL-375AM	xxx=370 in sptes of 5W xxx=375 in sptes of 5W
Viessmann Werke GmbH & Co	VITOVOLT 300 Pxxx PSEB	mc-Si 250 – 260 W, in steps of 5 W
VIKRAM SOLAR PRIVATE LIMITED	ELDORA VSP.36.AAA.03 ELDORA VSP.72.AAA.03 ELDORA VSPB.60.AAA.03 ELDORA VSPB.72.AAA.03 ELDORA VSPBB.60.AAA.03 ELDORA VSP.60.AAA.03 ELDORA VSP.72.AAA.03.04 SOMERA VSM.72.AAA.03.04 ELDORA VSP.72.AAA.05 ELDORA VSPBB.72.AAA.03.04 SOMERA VSMHBB.60.AAA.03.04	sc-Si 137-168 Wp sc-Si 275-335 Wp sc-Si 228wp-279wp sc-Si 275Wp-335wp sc-Si 228wp-279wp sc-si 240-270W mc-Si AAA=285-350Wp sc-Si AAA=310-380WP sc-Si, AAA =285-350W , in step of 5W sc-Si, AAA=285-350W ,in step of 5W sc-Si,270-330W ,in step of 5
WAAREE Energies Ltd.	WS-XXX WS-XXX	mc-Si 230-270 W, in steps of 5 mc-Si 280-320 W, in steps of 5
WUXI Suntech Power Co, Ltd	STPxxx-20/Wem STPxxx-24/Wem STPxxxS-20/Wem STPxxxS-24/Wem STPXXX-20/WFW STPXXX-24/WFW STPXXXS-20/WFW STPXXXS-24/WFW STPXXX-20/WFH STPXXX-24/WFH STPXXXS-A72/Pth+ STPXXXS-A60/Wfh STPXXXS-A72/Vfh	mc-si xxx= 210-290 Wp mc-si xxx= 220-350 Wp sc-si xxx=210-310 Wp sc-si xxx= 220-370 Wp Poly-crystalline, XXX=255W-285W Poly-crystalline, XXX=290W-350W Mono-crystalline, XXX=265W-310W Mono-crystalline, XXX=305W-370W Poly-crystalline, half cell, XXX=250W-305W Poly-crystalline, half cell XXX=300W-365W P-type Bifacial,370W-410W Mono-crystalline, XXX= 300-335 W in step of 5 W Mono-crystalline, XXX=360-405 W in step of 5 W

	STPXXXS-B72/Vnh STPXXXS-B60/Wnh STPXXXS-B72/Pnh+ STPXXXS-B60/Pnh+ STPXXXS-C72/Vmh	Monocrystalline,xxx=415W-445W Monocrystalline,xxx=345W-370W P-type Bifacial,xxx=425W-450W P-type Bifacial,xxx=350W-375W sc-si, xxx=525W - 550W , in step of 5W
WUXI SUNKET New Energy Technology Co; Ltd	SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10 SKTxxxM10	sc-si,xxx=560-605, in steps of 5 sc-si,xxx=520-555, in steps of 5 sc-si,xxx=475-510, in steps of 5 sc-si,xxx=430-465, in steps of 5 sc-si,xxx=390-415, in steps of 5 sc-si,xxx=345-370, in steps of 5 sc-si,xxx=300-325, in steps of 5 sc-si,xxx=260-280, in steps of 5 sc-si,xxx=215-230, in steps of 5 sc-si,xxx=175-185, in steps of 5 sc-si,xxx=150-160, in steps of 5 sc-si,xxx=130-140, in steps of 5 sc-si,xxx=110 and 115 sc-si,xxx=095 and 100 sc-si,xxx=065-070 , in step of 5W sc-si,xxx=50
WeCo Italy Srl	WE-xxx/72P WE-xxx/60P WE-xxx/54P	Poly-crystalline xxx=310-370W in step of 20 W Poly-crystalline xxx=230 Wp, 270-280 Wp in step of 5 W Poly-crystalline xxx=255W
WeCo Italy Srl	AS-6M-xxxW AS-6M30-xxxW AS-6M27-xxxW AS-6M18-xxxW AS-5M-xxxW AS-5M18-xxxW AS-6P-xxxW AS-6P30-xxxW AS-6P27-xxxW AS-6P18-xxxW AS-6M30-BHC AS-6M30-HC AS-6M120-HC AS-6M144-HC AS-6M-BHC AS-6M-HC	mono-crystalline 325-365, in increment of 5 mono-crystalline 275-305, in increment of 5 mono-crystalline 245-275, in increment of 5 mono-crystalline 135-165, in increment of 5 mono-crystalline 175-210, in increment of 5 mono-crystalline 90-105, in increment of 5 Poly-crystalline 270-345, in increment of 5 Poly-crystalline 265-290, in increment of 5 Poly-crystalline 235-260, in increment of 5 Poly-crystalline135-165, in increment of 5 mc-si,xxx=350-380W , in steop of 5W mc-si,xxx=350-380W , in steop of 5W mc-si,xxx=355-370W , in step of 5W mc-si,xxx=425-445W , in step of 5W mc-si,xxx=420-465W , in step of 5W mc-si,xxx=370-410W , in stepof 5W
Yingli Solar	YLxxxP-29b YLxxxP-35b	multi 240-260kW in steps of 5 multi 290-310kW in steps of 5
Yingli Energy (China) Company Limited	YLXXCG2536F-1 YLXXCG25360F-1 YLXXXD-36b YLXXXD-30b YLXXXP-29b 1500v YLXXXP-35b 1500v YLXXXP-35b YLXXXP-29b YL270C-30b Yl-xxxD-44E 1/2 Yl-xxxD-49E 1/2 Yl-xxxDF72 E/2 Yl-xxxDF66 E/2	sc-si 310-375 W, in steps of 5 sc-si 260-310 W, in steps of 5 sc-si 340-390 W, in steps of 5 sc-si 280-325 W, in steps of 5 sc-si 275-305 W, in steps of 5 sc-si 330-365 W, in steps of 5 sc-si 310-350 W, in steps of 5 sc-si 260-290 W, in steps of 4 sc-si 270. sc-si, xxx=515-545W , in step of 5W sc-si, xxx = 475-495 W , in step of 5W sc-si, xxx=510-545W , in step of 5W sc-si, xxx=470-495W , in step of 5W
Zhejiang G&P New Energy Technology Co, Ltd	GPPxxx(72)	Crystalline Silicion , 285-340 in Step of 5
Zhejiang Trunson Solar Co., Ltd	TSPxxx-72 TSPxxx-60	mc-Si 315-345 W, in Steps of 5 mc-Si 255-285 W, in Steps of 5
<b>PV MODULES</b>		
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>
Zhejiang Xiongtai Photovoltaic Technology Co.	XTM6-36-XXX XTM6-48-XXX XTM6-54-XXX XTM6-60-XXX XTM6-72-XXX XTP6-36-XXX XTP6-48-XXX XTP6-54-XXX	sc-si 140-160 W, in steps of 5 sc-si 200-220 W, in steps of 5 sc-si 220-250 W, in steps of 5 sc-si 250-265 W, in steps of 5 sc-si 290-310 W, in steps of 5 mc-si 240-260 W, in steps of 5 mc-si 240-260 W, in steps of 5 mc-si 240-260 W, in steps of 5

	<p>XTP6-60-XXX XTP6-72-XXX</p> <p>TP672M-xxx TP672M(H)-xxx TP6H72M-xxx TP6H72M(H)-xxx TP660M-xxx TP660M(H)-xxx TP6H60M-xxx TP6H60M(H)-xxx TP672P-xxx TP672P(H)-xxx TP6H72P-xxx TP6H72P(H)-xxx TP660P-xxx TP660P(H)-xxx TP6H60P-xxx TP7F60M TP6L60M TP6L60M(H) TP6L72M TP6L72M(H) TP7F54M(H) TP7F60M (H) TP7F66M TP7F66M(H) TP7F72M TP7F72M (H) TP7F54M TP7F78M TP7F78M (H) TP6L60M(H)-375W TP6L72M(H)-450W TP7F72M(H)-545W</p>	<p>mc-si 240-260 W, in steps of 5 mc-si 290-305 W, in steps of 5</p> <p>sc-Si 275-390 W, in steps of 5 sc-Si 300-390 W, in steps of 5 sc-Si 335-390 W, in steps of 5 sc-Si 335-390 W, in steps of 5 sc-Si 230-325 W, in steps of 5 sc-Si 250-325 W, in steps of 5 sc-Si 280-325 W, in steps of 5 sc-si 280-325 W, in steps of 5 mc-Si 285-360 W, in steps of 5 mc-Si 285-360 W, in steps of 5 mc-Si 300-360 W, in steps of 5 mc-Si 300-360 W, in steps of 5 mc-Si 230-300 W, in steps of 5 mc-Si 235-300 W, in steps of 5 mc-Si 250-300 W, in steps of 5 mc-Si xxx=445-460W, in step of 5 mc-Si xxx=360-380W, in step of 5 mc-Si xxx=360-380W, in step of 5 mc-Si xxx=435-455W, in step of 5 mc-Si xxx=435-455W, in step of 5 mc-Si xxx=395-410W, in step of 5 mc-Si xxx=445-460W, in step of 5 mc-Si xxx=485-505W, in step of 5 mc-Si xxx=485-505W, in step of 5 mc-Si xxx=530-550W, in step of 5 mc-Si xxx=530-550W, in step of 5 mc-Si xxx=395-410W, in step of 5 Sc-Si xxx=575-595W, in step of 5 mc-Si xxx=575-595W, in step of 5 Mc-Si,XXX= 375, in step of 5W Mc-Si,XXX= 450, in step of 5W Mc-Si,XXX= 545, in step of 5W</p>
<p>Suzhou Talesun Solar Technologies Co., Ltd</p>	<p>ZXM6-72-xxx/M ZXM6-60-xxx/M ZXM6-54-xxx/M ZXP6-72-xxx/P ZXP6-60-xxx/P ZXP6-54-xxx/P ZXM6-T60-xxx/M ZXM6-T72-xxx/M ZXM6-TLD72-xxx/M ZXM6-TLD60-xxx/M ZXM6-LD72-xxx/M ZXM6-LD60-xxx/M ZXP6-T72-xxx/P ZXP6-T60-xxx/P ZXP6-TLD72-xxx/P ZXP6-TLD60-xxx/P ZXP6-LD72-xxx/P ZXP6-LD60-xxx/P ZXM6-66-xxx/M ZXM6-H144-xxx/M ZXM6-P144-xxx/M ZXM6-H132-xxx/M ZXM6-P132-xxx/M ZXM6-H120-xxx/M ZXM6-P120-xxx/M ZXM6-LDD72-xxx/M ZXM6-LDD60-xxx/M ZXM6-LD66-xxx/M ZXM6-HLD144-xxx/M ZXM6-PLD144-xxx/M ZXM6-HLD132-xxx/M ZXM6-PLD132-xxx/M ZXM6-HLD120-xxx/M ZXM6-PLD120-xxx/M ZXP6-66-xxx/P</p>	<p>Mono-crystalline Silicon, xxx=270-320 W, 340-395 W in steps of 5 Mono-crystalline Silicon, xxx=230-270 W, 280-330 W in steps of 5 Mono-crystalline Silicon, xxx=200-240W, in steps of 5 Poly-crystalline Silicon, xxx=265-355W, in steps of 5 Poly-crystalline Silicon, xxx=220-295W, in steps of 5 Poly-crystalline Silicon, xxx=200-235W, in steps of 5 Mono-crystalline Silicon, xxx= 300-315W in steps of 5 Mono-crystalline Silicon, xxx=360-380W in steps of 5 Mono-crystalline Silicon, xxx=360-385W in steps of 5 Mono-crystalline Silicon, xxx=300-320W in steps of 5 Mono-crystalline Silicon, xxx=340-395W in steps of 5 Mono-crystalline Silicon, xxx= 280-330W in steps of 5 Poly-crystalline Silicon, xxx=330-350W in steps of 5 poly-crystalline Silicon, xxx=275-290W in steps of 5 poly-crystalline Silicon, xxx=320-335W in steps of 5 poly-crystalline Silicon, xxx=270-280W in steps of 5 poly-crystalline Silicon, xxx=315-355W in steps of 5 Poly-crystalline Silicon, xxx=260-295W in steps of 5 Mono-crystalline Silicon, xxx= 310-360 W in step of 5 W Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W Mono-crystalline Silicon, xxx= 370-380 W in step of 5 W Mono-crystalline Silicon, xxx= 310-315 W in step of 5 W Mono-crystalline Silicon, xxx= 310-360 W in step of 5 W Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W Mono-crystalline Silicon, xxx= 335-405 W in step of 5 W Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W Mono-crystalline Silicon, xxx= 310-370 W in step of 5 W Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W Mono-crystalline Silicon, xxx= 280-335 W in step of 5 W Poly-crystalline Silicon, xxx= 290-325 W in step of 5 W</p>

ZNSHINE PV-TECH Co., Ltd

ZXP6-H144-xxx/P  
 ZXP6-P144-xxx/P  
 ZXP6-H132-xxx/P  
 ZXP6-P132-xxx/P  
 ZXP6-H120-xxx/P  
 ZXP6-P120-xxx/P  
 ZXP6-HLD144-xxx/P  
 ZXM6-NH156-xxx/M  
 ZXM6-NH144-xxx/M  
 ZXM6-NH132-xxx/M  
 ZXM6-NH120-xxx/M  
 ZXM6-NHDB156-xxx/M  
 ZXM6-NHDB144-xxx/M  
 ZXM6-NHDB132-xxx/M  
 ZXM6-NHDB120-xxx/M  
 ZXM7-SH156-xxx/M  
 ZXM7-SP156-xxx/M  
 ZXM7-SH144-xxx/M  
 ZXM7-SP144-xxx/M  
 ZXM7-SH132-xxx/M  
 ZXM7-SP132-xxx/M  
 ZXM7-SH120-xxx/M  
 ZXM7-SP120-xxx/M  
 ZXM7-SH108-xxx/M  
 ZXM7-SP108-xxx/M  
 ZXM7-SHDB156-xxx/M  
 ZXM7-SPDB156-xxx/M  
 ZXM7-SHDB144-xxx/M  
 ZXM7-SPDB144-xxx/M  
 ZXM7-SHDB132-xxx/M  
 ZXM7-SPDB132-xxx/M  
 ZXM7-SHDB120-xxx/M  
 ZXM7-SPDB120-xxx/M  
 ZXM7-SHDB108-xxx/M  
 ZXM7-SPDB108-xxx/M  
 ZXM8-SH150-xxx/M  
 ZXM8-SP150-xxx/M  
 ZXM8-SH140-xxx/M  
 ZXM8-SP140-xxx/M  
 ZXM8-SH130-xxx/M  
 ZXM8-SP130-xxx/M  
 ZXM8-SH120-xxx/M  
 ZXM8-SP120-xxx/M  
 ZXM8-SH90-xxx/M  
 ZXM8-SP90-xxx/M  
 ZXM6-NHLLDD144-xxx/M  
 ZXM6-NHLLDD132-xxx/M  
 ZXM6-NHLLDD120-xxx/M  
 ZXM6-NHLD144-xxx/M  
 ZXM6-NHLD132-xxx/M  
 ZXM6-NHLD120-xxx/M  
 ZXM7-SPLDD144-xxx/M  
 ZXM7-SHLLDD144-xxx/M  
 ZXM7-SPLDD132-xxx/M  
 ZXM7-SHLLDD132-xxx/M  
 ZXM7-SPLDD120-xxx/M  
 ZXM7-SHLLDD120-xxx/M  
 ZXM7-SPLD144-xxx/M  
 ZXM7-SHLD144-xxx/M  
 ZXM7-SPLD132-xxx/M  
 ZXM7-SHLD132-xxx/M  
 ZXM7-SPLD120-xxx/M  
 ZXM7-SHLD120-xxx/M

Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 285-340 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 285-340 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 260-305 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 260-305 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W  
 Mono-crystalline Silicon,xxx=420-440,455-495  
 Mono-crystalline Silicon,xxx=390-410, 420-455  
 Mono-crystalline Silicon,xxx=385-415, in steps of 5  
 Mono-crystalline Silicon,xxx=350-380, in steps of 5  
 Mono-crystalline Silicon,xxx=455-495, in steps of 5  
 Mono-crystalline Silicon,xxx=420-455, in steps of 5  
 Mono-crystalline Silicon,xxx=385-415, in steps of 5  
 Mono-crystalline Silicon,xxx=350-380, in steps of 5  
 Mono-crystalline Silicon,xxx=565-600, in steps of 5  
 Mono-crystalline Silicon,xxx=565-600, in steps of 5  
 Mono-crystalline Silicon,xxx=525-550, in steps of 5  
 Mono-crystalline Silicon,xxx=525-550, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,xxx=395-415, in steps of 5  
 Mono-crystalline Silicon,xxx=395-415, in steps of 5  
 Mono-crystalline Silicon,xxx=565-600, in steps of 5  
 Mono-crystalline Silicon,xxx=565-600, in steps of 5  
 Mono-crystalline Silicon,xxx=525-550, in steps of 5  
 Mono-crystalline Silicon,xxx=525-550, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,xxx=395-415, in steps of 5  
 Mono-crystalline Silicon,xxx=395-415, in steps of 5  
 Mono-crystalline Silicon,xxx=480-515, in steps of 5  
 Mono-crystalline Silicon,xxx=480-515, in steps of 5  
 Mono-crystalline Silicon,xxx=450-480, in steps of 5  
 Mono-crystalline Silicon,xxx=450-480, in steps of 5  
 Mono-crystalline Silicon,xxx=420-445, in steps of 5  
 Mono-crystalline Silicon,xxx=420-445, in steps of 5  
 Mono-crystalline Silicon,xxx=385-410, in steps of 5  
 Mono-crystalline Silicon,xxx=385-410, in steps of 5  
 Mono-crystalline Silicon,xxx=290-310, in steps of 5  
 Mono-crystalline Silicon,xxx=290-310, in steps of 5  
 Mono-crystalline Silicon,xxx=420-455, in steps of 5  
 Mono-crystalline Silicon,xxx=385-415, in steps of 5  
 Mono-crystalline Silicon,xxx=350-380, in steps of 5  
 Mono-crystalline Silicon,xxx=420-455, in steps of 5  
 Mono-crystalline Silicon,xxx=385-415, in steps of 5  
 Mono-crystalline Silicon,xxx=320-340,350-375, in steps of 5  
 Mono-crystalline Silicon,xxx=520-550, in steps of 5  
 Mono-crystalline Silicon,xxx=520-550, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,435-460,in steps of 5  
 Mono-crystalline Silicon,xxx=520-550, in steps of 5  
 Mono-crystalline Silicon,xxx=520-550, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=480-505, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5  
 Mono-crystalline Silicon,xxx=435-460, in steps of 5

PV MODULES		
Manufacturer name	Product ID	Description
ZNSHINE PV-TECH Co., Ltd	ZXP6-PLD144-xxx/P	Poly-crystalline Silicon, xxx= 310-370 W in step of 5 W
	ZXP6-HLD132-xxx/P	Poly-crystalline Silicon, xxx= 285-340 W in step of 5 W
	ZXP6-PLD132-xxx/P	Poly-crystalline Silicon, xxx= 285-340 W in step of 5 W
	ZXP6-HLD120-xxx/P	Poly-crystalline Silicon, xxx= 260-305 W in step of 5 W

ZXP6-PLD120-xxx/P  
 ZXP6-LD66-xxx/P  
 ZXM6-78-xxx/M  
 ZXM6-72-XXX/M  
 ZXM6-66-XXX/M  
 ZXM6-H156-xxx/M  
 ZXM6-NH156-xxx/M  
 ZXM6-NH144-xxx/M  
 ZXM6-NH132-xxx/M  
 ZXM6-NH120-xxx/M  
 ZXM6-LD72-xxx/M  
 ZXM6-LD66-xxx/M  
 ZXM6-NHLD144-xxx/M  
 ZXM6-NHLD132-xxx/M  
 ZXM6-NHLD120-xxx/M  
 ZXM6-LDD72-xxx/M  
 ZXM6-LDD66-xxx/M  
 ZXM6-LDD60-xxx/M  
 ZXM6-NHLLD144-xxx/M  
 ZXM6-NHLLD132-xxx/M  
 ZXM6-NHLLD120-xxx/M  
 ZXM6-HLDD144-xxx/M  
 ZXM6-HLDD132-xxx/M  
 ZXM6-HLDD120-xxx/M  
 ZXM6-66-XXX/M  
 ZXM6-H156-XXX/M  
 ZXM6-NH156-XXX/M  
 ZXM6-NH144-XXX/M  
 ZXM6-NH132-XXX/M  
 ZXM6-NH120-XXX/M  
 ZXM6-NHLD144-XXX/M  
 ZXM6-NHLD132-XXX/M  
 ZXM6-NHLD120-XXX/M  
 ZXM6-LDD72-XXX/M  
 ZXM6-LDD66-XXX/M  
 ZXM6-LDD60-XXX/M  
 ZXM6-NHLLD144-XXX/M  
 ZXM6-NHLLD132-XXX/M  
 ZXM6-NHLLD120-XXX/M  
 ZXM6-HLDD144-XXX/M  
 ZXM6-HLDD132-XXX/M  
 ZXM6-HLDD120-XXX/M  
 ZXM6-LD66-xxx/M

Poly-crystalline Silicon, xxx= 260-305 W in step of 5 W  
 Poly-crystalline Silicon, xxx= 290-325 W in step of 5 W  
 Mono-crystalline Silicon xxx=400-430, in steps of 5W  
 Mono-crystalline Silicon xxx=355-400, in steps of 5W  
 Mono-crystalline Silicon xxx=340-365, in steps of 5W  
 Mono-crystalline Silicon xxx=415-435, in steps of 5W  
 Mono-crystalline Silicon xxx=420-440,455-485, in steps of 5  
 Mono-crystalline Silicon xxx=390-405,420-450, in steps of 5W  
 Mono-crystalline Silicon xxx=355-375, 385-410 in steps of 5W  
 Mono-crystalline Silicon xxx=325-340, 350-375 in steps of 5W  
 Mono-crystalline Silicon xxx=380-400, in steps of 5W  
 Mono-crystalline Silicon xxx=350-365, in steps of 5W  
 Mono-crystalline Silicon xxx=380-410,425-450 in steps of 5W  
 Mono-crystalline Silicon xxx=350-375,390-410 in steps of 5W  
 Mono-crystalline Silicon xxx=320-340,355-375 in steps of 5W  
 Mono-crystalline Silicon xxx=370-400, in steps of 5W  
 Mono-crystalline Silicon xxx=350-365, in steps of 5W  
 Mono-crystalline Silicon xxx=310-330, in steps of 5W  
 Mono-crystalline Silicon xxx=385-410,430-450 in steps of 5W  
 xxx=360-375,395-410 in steps of 5, 132 cells  
 Mono-crystalline Silicon xxx=325-340,360-375 in steps of 5W  
 Mono-crystalline Silicon xxx=380-405, in steps of 5W  
 Mono-crystalline Silicon xxx=350-370, in steps of 5W  
 Mono-crystalline Silicon xxx=320-335, in steps of 5W  
 Mono-crystalline Silicon,xxx=340-365, in steps of 5W  
 Mono-crystalline Silicon,xxx=415-435, in steps of 5W  
 Mono-crystalline Silicon,xxx=420-440, 455-495, in steps of 5W  
 Mono-crystalline Silicon,xxx=390-410, 420-455, in steps of 5W  
 Mono-crystalline Silicon,xxx=355-375, 385-415 in steps of 5W  
 Mono-crystalline Silicon,xxx=325-340, 350-380 in steps of 5W  
 Mono-crystalline Silicon,xxx=380-410, 425-450 in steps of 5W  
 Mono-crystalline Silicon,xxx=350-375, 390-410 in steps of 5W  
 Mono-crystalline Silicon,xxx=320-340, 355-375 in steps of 5W  
 Mono-crystalline Silicon,xxx=380-400, in steps of 5W  
 Mono-crystalline Silicon,xxx=350-365, in steps of 5W  
 Mono-crystalline Silicon,xxx=320-330, in steps of 5W  
 Mono-crystalline Silicon,xxx=385-410, 430-450 in steps of 5W  
 Mono-crystalline Silicon,xxx=360-375, 395-410 in steps of 5W  
 Mono-crystalline Silicon,xxx=325-340, 360-375 in steps of 5W  
 Mono-crystalline Silicon,xxx=380-405, in steps of 5W  
 Mono-crystalline Silicon,xxx=350-370, in steps of 5W  
 Mono-crystalline Silicon,xxx=320-335, in steps of 5W  
 Mono-crystalline Silicon,xxx=350-365, in steps of 5W

PV INVERTERS

Manufacturer name	Product ID	Description	Usage Category
ABB	PVI-3.0-TL-OUTD(-S)	3kW	Residential, Commercial and Light Industrial Environment
	PVI-3.6-TL-OUTD(-S)	3.6kW	Residential, Commercial and Light Industrial Environment
	PVI-4.2-TL-OUTD(-S)	4.2kW	Residential, Commercial and Light Industrial Environment
	PVI-5000-TL-OUTD(-S)	5kW	Residential, Commercial and Light Industrial Environment
	PVI-6000-TL-OUTD(-S)	6kW	Residential, Commercial and Light Industrial Environment
	PVI-10.0-TL-OUTD(-S)(-FS)	10 kW	Residential, Commercial and Light Industrial Environment
	PVI-12.5-TL-OUTD(-S)(-FS)	12.5 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 5.8 - TL - OUTD	5.8 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 7.5 - TL - OUTD	7.5 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 8.5 - TL - OUTD	8.5 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 20.0 - TL - OUTD	20 kW	Residential, Commercial and Light Industrial Environment
	TRIO - 27.6 - TL - OUTD	27.6 kW	Residential, Commercial and Light Industrial Environment
	TRIO-50.0-TL-OUTD	50 kW	All - Residential, Commercial and Industrial Environment
	ULTRA -700.0 TL -OUTD	700 kW	Industrial Environment
	ULTRA -1050.0 TL -OUTD	1050 kW	Industrial Environment
	TRIO-TM-50.0-400	50kW	All - Residential, Commercial and Industrial Environment
	TRIO-TM-60.0-480	60kW	All - Residential, Commercial and Industrial Environment
	ULTRA -1400.0 TL -OUTD	1400 kW	Industrial Environment
	PVS-100/120-TL	100kW/120kW	Industrial Environment
	PVS-100-TL	100 kW	All - Residential, Commercial and Industrial Environment
	PVS-120-TL	120 kW	All - Residential, Commercial and Industrial Environment
	UNO-DM-xxx-TL-PLUS	1.2/2.0/3.3/4.0/4.6/5.0 kW	All - Residential, Commercial and Industrial Environment
	PVS800-57B-1645kW-C	1645 kW	Industrial Environment
	PVS800-57B-1732kW-C	1732 kW	Industrial Environment

	UNO-DM-5.0-TL-PLUS-SB-QU	5 KW	All - Residential, Commercial and Industrial Environment
	UNO-DM-5.0-TL-PLUS-B-QU	5 KW	All - Residential, Commercial and Industrial Environment
	UNO-DM-1.2/2.0/3.0/3.3/4.0/4.6-TL-PLUS-SB-Q	1.2/2.0/3.0/3.3/4.0/4.6 KW	All - Residential, Commercial and Industrial Environment
	UNO-DM-1.2/2.0/3.0/3.3/4.0/4.6-TL-PLUS-B-Q	1.2/2.0/3.0/3.3/4.0/4.6	All - Residential, Commercial and Industrial Environment
	PVS980-58-1818kVA-I	1818	Industrial Environment
	PVS980-58-1909kVA-J	1909	Industrial Environment
	PVS980-58-2000-K	2000	Industrial Environment
	PVS980-58-2091kVA-L	2091	Industrial Environment
	PVS-175-TL-S	175kW	Industrial Environment
	PVS-175-TL-S2	175kW	Industrial Environment
	PVS-175-TL-SX	175kW	Industrial Environment
	PVS-175-TL-SX2	175kW	Industrial Environment
	PVS-50-TL	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-50-TL-S	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-50-TL-SX	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-50-TL-SX2	50kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL	60kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL-S	60kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL-SX	60kW	All - Residential, Commercial and Industrial Environmen
	PVS-60-TL-SX2	60kW	All - Residential, Commercial and Industrial Environmen
FIMER	PVS-20-TL-SX	20W	All - Residential, Commercial and Industrial Environment
	PVS-20-TL-SY	20W	All - Residential, Commercial and Industrial Environment
	PVS-20-TL-SXD	20W	All - Residential, Commercial and Industrial Environment
	PVS-30-TL-SX	30W	All - Residential, Commercial and Industrial Environment
	PVS-30-TL-SY	30W	All - Residential, Commercial and Industrial Environment
	PVS-33-TL-SX	33W	All - Residential, Commercial and Industrial Environment
	PVS-33-TL-SY	33W	All - Residential, Commercial and Industrial Environment
	PVS-12.5-TL-SX	12.5W	All - Residential, Commercial and Industrial Environment
	PVS-12.5-TL-SY	12.5W	All - Residential, Commercial and Industrial Environment
	PVS-15-TL-SX	15W	All - Residential, Commercial and Industrial Environment
	PVS-15-TL-SY	15W	All - Residential, Commercial and Industrial Environment
	PVS-10-TL-SX	10W	All - Residential, Commercial and Industrial Environment
	PVS-10-TL-SY	10W	All - Residential, Commercial and Industrial Environment
Fronius International GmbH	Primo 3.0 -1	3.0kW	All - Residential, Commercial and Industrial Environment
	Primo 3.5 -1	3.5kW	All - Residential, Commercial and Industrial Environment
	Primo 3.6 -1	3.6kW	All - Residential, Commercial and Industrial Environment
	Primo 4.0 -1	4kW	All - Residential, Commercial and Industrial Environment
	Primo 4.6 -1	4.6kW	All - Residential, Commercial and Industrial Environment
	Primo 5.0-1	5kW	All - Residential, Commercial and Industrial Environment
	Primo 6.0-1	6kW	All - Residential, Commercial and Industrial Environment
	Primo 8.2-1	8.2kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 3.0-3-M	3 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 3.7-3-M	3.7 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 4.5-3-M	4.5 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 5.0-3-M	5 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 6.0-3-M	6 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 7.0-3-M	7 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 8.2-3-M	8.2 kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 10.0-3-M	10kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 12.5-3-M	12.5kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 15.0-3-M	15kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 17.5-3-M	17.5kW	All - Residential, Commercial and Industrial Environment
	Fronius Symo 20.0-3-M	20kW	All - Residential, Commercial and Industrial Environment
	Fronius Eco 25.0-3-S	25kW	All - Residential, Commercial and Industrial Environment
	Fronius Eco 27.0-3-S	27kW	All - Residential, Commercial and Industrial Environment
	Tauro 50-3-P	50kW /50	All - Residential, Commercial and Industrial Environment
	Tauro Eco 50-3-D	50kW /50	All - Residential, Commercial and Industrial Environment
	Tauro Eco 50-3-P	50kW /50	All - Residential, Commercial and Industrial Environment
	Tauro Eco 100-3-D	100kW /100	All - Residential, Commercial and Industrial Environment
	Tauro Eco 100-3-P	100kW /100	All - Residential, Commercial and Industrial Environment
Tauro 50-3-D	50kW /50	All - Residential, Commercial and Industrial Environment	
<b>PV INVERTERS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	<b>Usage Category</b>
Canadian Solar Inc.	CSI-20KTL-GI-FL	20kW	All - Residential, Commercial and Industrial Environment
	CSI-25KTL-GI-FL	25kW	All - Residential, Commercial and Industrial Environment
	CSI-30KTL-GI-FL	30kW	All - Residential, Commercial and Industrial Environment
	CSI-40KTL-GI-HFL	40kW	All - Residential, Commercial and Industrial Environment
	CSI-40KTL-GI-FL	40kW	Industrial Environment
	CSI-50KTL-GI	50kW	Industrial Environment

	CSI-50KTL-GI-HFL	50kW	Industrial Environment
	CSI-60KTL-GI-H	60kW	Industrial Environment
Gree Electric Appliances, Inc. of Zhuhai	GMV-Y224WM/C-X	20kW	All - Residential, Commercial and Industrial Environment
	GMV-Y280WM/C-X	20kW	All - Residential, Commercial and Industrial Environment
	GMV-Y335WM/C-X	20kW	All - Residential, Commercial and Industrial Environment
Jiangsu GoodWe Power Supply Technology Co., Ltd.	GW50K-MT	50 kW	Industrial Environment
	GW60K-MT	60 kW	Industrial Environment
GoodWe Technologies Co., Ltd.	GW225K-HT		
	GW250K-HT		
	GW120K-HT		
	GW250KN-HT		
	GW100K-HT	100 KW	
	GW110K-HT	110 KW	
	GW120K-HT	120 KW	
	GW136K-HT	136 KW	
Huawei	SUN2000-8KTL	8 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-12KTL	12 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-17KTL	17 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-20KTL	20 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-36KTL	36 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-42KTL	42 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-50KTL-M0	50 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 -60KTL- M0	60 kW	All - Residential, Commercial and Industrial Environment
	SUN2000(10)KTL-M0	10kW	All - Residential, Commercial and Industrial Environment
	SUN2000(12)KTL-M0	12kW	All - Residential, Commercial and Industrial Environment
	SUN2000(15)KTL-M0	15kW	All - Residential, Commercial and Industrial Environment
	SUN2000(17)KTL-M0	17kW	All - Residential, Commercial and Industrial Environment
	SUN2000(20)KTL-M0	20kW	All - Residential, Commercial and Industrial Environment
	SUN2000-3KTL_M0	3 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-4KTL_M0	4 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-5KTL_M0	5 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-6KTL_M0	6 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-8KTL_M0	8 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-10KTL_M0	10 kW	All - Residential, Commercial and Industrial Environment
	SUN2000-65KTL-M0	65 kW	Industrial Environment
	SUN2000-185 KTL-H1	185 kW	Industrial Environment
	SUN2000-105 KTL-H1	105 kW	Industrial Environment
	SUN2000 100 KTL -M1	100 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 200KTL-H2	200 kW	Industrial Environment
	SUN 2000 12KTL-M2	12kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 15KTL-M2	15 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 17KTL-M4	17kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 200KTL-M2	20 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 200KTL-H2	200 kW	Industrial Environment
	SUN 2000 12/15/17/20 KTL-M2	12/15/17/20 kW	All - Residential, Commercial and Industrial Environment
	SUN 2000 30/36/40 KTL-M3	30/36/40 kW	All - Residential, Commercial and Industrial Environment
	SUN2000 3/4/5/6/8/10KTL-M1	3/4/5/6/8/10 kW	All - Residential, Commercial and Industrial Environment
Ingeteam	INGECON SUN 2.5 TL M	2.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 2.7 TL M	2.7 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 TL M	3 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3.3 TL M	3.3 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3.68 TL M	3.68 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 4.6 TL M	4.68 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 5 TL M	5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 5.5 TL M	5.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 6 TL M	6 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 10 TL M	10 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 12.5 TL M	12.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 15 TL M	15 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 20 TL M	20 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 10 TL	10 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 12.5 TL	12.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 15 TL	15 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 20 TL	20 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 10 TL	10 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 12.5 TL	12.5 kW	All - Residential, Commercial and Industrial Environment
	INGECON SUN 3 PLAY 15 TL	15 kW	All - Residential, Commercial and Industrial Environment
INGECON SUN 3 PLAY 20 TL	20 kW	All - Residential, Commercial and Industrial Environment	
<b>PV INVERTERS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	<b>Usage Category</b>
	INGECON SUN 3 PLAY 28 TL	28 kW	

Ingeteam	INGECON SUN 3 PLAY 33 TL	33 kW	All - Residential, Commercial and Industrial Environment All - Residential, Commercial and Industrial Environment All - Residential, Commercial and Industrial Environment All - Residential, Commercial and Industrial Environment  All - Residential, Commercial and Industrial Environment All - Residential, Commercial and Industrial Environment All - Residential, Commercial and Industrial Environment	
	INGECON SUN 3 PLAY 10 TLM	10 kW		
	INGECON SUN 3 PLAY 12.5 TLM	12.5 kW		
	INGECON SUN 3 PLAY 15 TLM	15 kW		
	INGECON SUN 3 PLAY 20 TLM	20 kW		
	INGECON SUN 3 PLAY 24 TLM	24 kW		
	INGECON SUN 3 PLAY 28 TLM	28 kW		
	INGECON SUN 3 PLAY 33 TLM	33 kW		
	INGECON SUN 3 PLAY 40 TLM	40 kW		
	INGECON SUN 275TL M220	304.8 kW		
	INGECON SUN 275TL X220	304.8 kW		
	INGECON SUN 350TL M275	381.1 kW		
	INGECON SUN 350TL X275	381.1 kW		
	INGECON SUN 380TL M300	415.7 kW		
	INGECON SUN 380TL X300	415.7 kW		
	INGECON SUN 400TL M320	443.4 kW		
	INGECON SUN 400TL X320	443.4 kW		
	INGECON SUN 440TL M345	478 kW		
	INGECON SUN 440TL X345	478 kW		
	INGECON SUN 460TL M360	498.8 kW		
	INGECON SUN 460TL X360	498.8 kW		
	INGECON SUN 500TL M400	554.3 kW		
	INGECON SUN 500TL X400	554.3kW		
	INGECON SUN 535TL M420	582 kW		
	INGECON SUN 535TL X420	582 kW		
	INGECON SUN 410TL M220	457.3 kW		
	INGECON SUN 410TL X220	457.3 kW		
	INGECON SUN 520TL M275	571.6 kW		
	INGECON SUN 520TL X275	571.6 kW		
	INGECON SUN 570TL M300	623.5 kW		
	INGECON SUN 570TL X300	623.5 kW		
	INGECON SUN 605TL M320	665.1 kW		
	INGECON SUN 605TL X320	665.1 kW		
	INGECON SUN 660TL M345	717.1 kW		
	INGECON SUN 660TL X345	717.1 kW		
	INGECON SUN 690TL M360	748.2 kW		
	INGECON SUN 690TL X360	748.2 kW		
	INGECON SUN 750TL M400	831.4 kW		
	INGECON SUN 750TL X400	831.4 kW		
	INGECON SUN 805TL M420	873 kW		
	INGECON SUN 805TL X420	873 kW		
	INGECON SUN 550TL M220	609.7 kW		
	INGECON SUN 550TL X220	609.7 kW		
	INGECON SUN 695TL M275	762.1 kW		
	INGECON SUN 695TL X275	762.1 kW		
	INGECON SUN 760TL M300	831.4 kW		
	INGECON SUN 760TL X300	831.4 kW		
	INGECON SUN 800TL M320	886.8 kW		
	INGECON SUN 800TL X320	886.8 kW		
	INGECON SUN 880TL M345	956.1 kW		
	INGECON SUN 880TL X345	956.1 kW		
	INGECON SUN 920TL M360	997.7 kW		
	INGECON SUN 920TL X360	997.7 kW		
INGECON SUN 1000TL M400	1108.5 kW			
INGECON SUN 1000TL X400	1108.5 kW			
INGECON SUN 1070TL M420	1163.9 kW			
INGECON SUN 1070TL X420	1163.9 kW			
INGECON SUN 830TL B300	830 kW	Industrial Environment Industrial Environment Industrial Environment Industrial Environment Industrial Environment Industrial Environment Industrial Environment Industrial Environment Industrial Environment Industrial Environment		
INGECON SUN 860TL B310	860 kW			
INGECON SUN 890TL B320	890 kW			
INGECON SUN 915TL B330	915 kW			
INGECON SUN 940TL B340	940 kW			
INGECON SUN 970TL B350	970 kW			
INGECON SUN 1000TL B360	1000 kW			
INGECON SUN 1025TL B370	1025 kW			
<b>PV INVERTERS</b>				
<b>Manufacturer name</b>	<b>Product ID</b>		<b>Description</b>	<b>Usage Category</b>
	INGECON SUN 1050TL B380	1050 kW	Industrial Environment	
	INGECON SUN 1070TL B385	1070 kW	Industrial Environment	



	INGECON SUN 1080TL B390	1080 kW	Industrial Environment
	INGECON SUN 1110TL B400	1110 kW	Industrial Environment
	INGECON SUN 1140TL B410	1140 kW	Industrial Environment
	INGECON SUN1165TL B420	1165 kW	Industrial Environment
	INGECON SUN 1170TL B450	1170W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1195TL B460	1195W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1220TL B470	1220W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1247TL B480	1247W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1273TL B490	1273W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1300TL B500	1300W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1325TL B510	1325W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1350TL B520	1350W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1376TL B530	1376W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1400TL B540	1400W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1430TL B550	1430W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1455TL B560	1455W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1480TL B570	1480W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1500TL B578	1500W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1532TL B590	1532W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1560TL B600	1560W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1600TL B615	1600W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 1640TL B630	1640W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 830TL B300	830W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 860TL B310	860W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 890TL B320	890W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 915TL B330	915W	All - Residential, Commercial and Industrial Environment
Ingeteam	INGECON SUN STORAGE 940TL B340	940W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 970TL B350	970W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1000TL B360	1000W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1025TL B370	1025W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1050TL B380	1050W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1070TL B385	1070W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1080TL B390	1080W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1110TL B400	1110W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1140TL B410	1140W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1165TL B420	1165W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1170TL B450	1170W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1195TL B460	1195W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1220TL B470	1220W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1247TL B480	1247W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1273TL B490	1273W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1300TL B500	1300W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1325TL B510	1325W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1350TL B520	1350W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1376TL B530	1376W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1400TL B540	1400W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1430TL B550	1430W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1455TL B560	1455W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1480TL B570	1480W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1500TL B578	1500W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1532TL B590	1532W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1560TL B600	1560W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1600TL B615	1600W	All - Residential, Commercial and Industrial Environment
	INGECON SUN STORAGE 1640TL B630	1640W	All - Residential, Commercial and Industrial Environment
	INGECON SUN 720TL B260	720W	Industrial Environment
<b>PV INVERTERS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	<b>Usage Category</b>
	INGECON SUN 748TL B270	748W	Industrial Environment
	INGECON SUN 1190TL B430	1190W	Industrial Environment
	INGECON SUN 1220TL B440	1220W	Industrial Environment
	INGECON SUN 1250TL B450	1250W	Industrial Environment
	INGECON SUN 1275TL B460	1275W	Industrial Environment
	INGECON SUN 1580TL B630	1580W	Industrial Environment
	INGECON SUN 1665TL B640	1665W	Industrial Environment
	INGECON SUN 1690TL B650	1690W	Industrial Environment
	INGECON SUN 1715TL B660	1715W	Industrial Environment
	INGECON SUN 1740TL B670	1740W	Industrial Environment
	INGECON SUN 1767TL B680	1767W	Industrial Environment
	INGECON SUN 1800TL B690	1800W	Industrial Environment
	INGECON SUN 1820TL B700	1820W	Industrial Environment

Ingeteam	INGECON SUN STORAGE 720TL B260	720W	Industrial Environment
	INGECON SUN STORAGE 748TL B270	748W	Industrial Environment
	INGECON SUN STORAGE 1190TL B430	1190W	Industrial Environment
	INGECON SUN STORAGE 1220TL B440	1220W	Industrial Environment
	INGECON SUN STORAGE 1250TL B450	1250W	Industrial Environment
	INGECON SUN STORAGE 1275TL B460	1275W	Industrial Environment
	INGECON SUN STORAGE 1303TL B470	1303W	Industrial Environment
	INGECON SUN STORAGE 1665TL B640	1665W	Industrial Environment
	INGECON SUN STORAGE 1690TL B650	1690W	Industrial Environment
	INGECON SUN STORAGE 1715TL B660	1715W	Industrial Environment
	INGECON SUN STORAGE 1740TL B670	1740W	Industrial Environment
	INGECON SUN STORAGE 1767TL B680	1767W	Industrial Environment
	INGECON SUN STORAGE 1800TL B690	1800W	Industrial Environment
	INGECON SUN STORAGE 1820TL B700	1820W	Industrial Environment
	INGECON SUN 3Play 100 TL	90kW@360V/95kW@380V/100kW@400V/105kW@420V/110kW@440V	All - Residential, Commercial and Industrial Environment
KACO New Energy GmbH	Blueplanet 50.0 TL3 M1 WM OD IIGM	50 KW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD IIGX	50 KW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD IIGB	50 KW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD IIGS	50 KW	All-Residential, Commercial and industrial Environment
	Blueplanet 50.0 TL3 M1 WM OD FRGX	50 KW	All-Residential, Commercial and industrial Environment
	bluplanet 20.0 TL3 M2 WM OD IIG0	20 KW	All-Residential, Commercial and industrial Environment
	bluplanet 15.0 TL3 M2 WM OD IIG0	15 KW	All-Residential, Commercial and industrial Environment
	blueplanet 3.0 TL3	3 kW	All-Residential, Commercial and industrial Environment
	blueplanet 4.0 TL3	4 Kw	All-Residential, Commercial and industrial Environment
	blueplanet 5.0 TL3	5 Kw	All-Residential, Commercial and industrial Environment
	blueplanet 6.5 TL3	6.5 kW	All-Residential, Commercial and industrial Environment
	blueplanet 7.5 TL3	7.5 KW	All-Residential, Commercial and industrial Environment
	blueplanet 8.6 TL3	8.6 KW	All-Residential, Commercial and industrial Environment
	blueplanet 9 TL3	9 KW	All-Residential, Commercial and industrial Environment
	blueplanet 10 TL3	10 Kw	All-Residential, Commercial and industrial Environment
	blueplanet 87.0 TL3 M1 WM OD IIF0	87kW	industrial Environment
	blueplanet 92.0 TL3M1 WM OD IIG0	92 kW	industrial Environment
	blueplanet 125 TL3 WM OD IIP0	125 kW	industrial Environment
	blueplanet 137 TL3 WM OD IIP0	137 kW	industrial Environment
	Blueplanet 105 TL3 M1 WM OD IIG0	99 KW	
Blueplanet 150 TL3 M1 WM OD IIQ0	150 KW		
Blueplanet 155 TL3 M1 WM OD IIP0	155 KW		
Blueplanet 165 TL3 M1 WM OD IIQ0	165 KW		
Lti REEnergy GmbH	PVM3.57.300.EM	300 kW	Industrial Environment
	PVMS.40K	40 kW	All - Residential, Commercial and Industrial Environment
	PVMS.46K	46 kW	Industrial Environment
	PVMS.20K	30 kW	All - Residential, Commercial and Industrial Environment
	PVMS.23K	34.5 kW	All - Residential, Commercial and Industrial Environment
	PVMS.20K	20 kW	All - Residential, Commercial and Industrial Environment
	PVMS.23K	23 Kw	All - Residential, Commercial and Industrial Environment
Shneider Electric	Conext CL20000E	20 kW	All - Residential, Commercial and Industrial Environment
	Conext CL60E	60 kW	Residential, commercial and light Industrial Environment
	Conext CL36	36 kW	Residential, commercial and light Industrial Environment
	Conext CL25000E	25 kW	All - Residential, Commercial and Industrial Environment
	CL 33	33kW	All - Residential, Commercial and Industrial Environment
CL50	50 KW	All - Residential, Commercial and Industrial Environment	
SMA	STP 15000TL-30	15 kW	All - Residential, Commercial and Industrial Environment
	STP 20000TL-30	20 kW	All - Residential, Commercial and Industrial Environment
	STP 25000TL-30	25 kW	All - Residential, Commercial and Industrial Environment
	STP50-40	50 kW	All - Residential, Commercial and Industrial Environment
	MLX / STP 60	60 kW	All - Residential, Commercial and Industrial Environment
	SB3.0-1AV-40	3 kW	All - Residential, Commercial and Industrial Environment
	SB3.6-1AV-40	3.68 kW	All - Residential, Commercial and Industrial Environment
<b>PV INVERTERS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	<b>Usage Category</b>
SMA	SB4.0-1AV-40	4 kW	All - Residential, Commercial and Industrial Environment
	SB5.0-1AV-40	5 kW	All - Residential, Commercial and Industrial Environment
	SHP75-10	75 kW	Industrial Environment
	STP-110-60	110 kW	Industrial Environment
	STP8.0-3AV-40	8 Kw	
	STP10.0-3AV-40	10 Kw	
	STP3.0-3AV-40	3Kw	
	STP4.0-3AV-40	4Kw	
STP6.0-3AV-40	6 Kw		
	SG36KTL-M	36 kW	All - Residential, Commercial and Industrial Environment
	SG110CX	110kVA@45C - 100 kVA@50C	All - Residential, Commercial and Industrial Environment

Sungrow Power Supply Co., Ltd	SG60KTL	60 kW	All - Residential, Commercial and Industrial Environment
	SG33CX	33 kW	All - Residential, Commercial and Industrial Environment
	SG40CX	40 kW	All - Residential, Commercial and Industrial Environment
	SG50CX	50 kW	All - Residential, Commercial and Industrial Environment
	SG250HX-IN	200 kW	Industrial, Environment
	SG250HX	225 kW	Industrial, Environment
	SG5KTL-MT	5kW	All - Residential, Commercial and Industrial Environment
	SG6KTL-MT	6kW	All - Residential, Commercial and Industrial Environment
	SG8KTL-M	8kW	All - Residential, Commercial and Industrial Environment
	SG10KTL-M	10kW	All - Residential, Commercial and Industrial Environment
	SG12KTL-M	12kW	All - Residential, Commercial and Industrial Environment
	SG15KTL-M	15kW	All - Residential, Commercial and Industrial Environment
	SG20KTL-M	20kW	All - Residential, Commercial and Industrial Environment
	SG5.0RT	5kW	All - Residential, Commercial and Industrial Environment
	SG6.0RT	6kW	All - Residential, Commercial and Industrial Environment
	SG7.0RT	7kW	All - Residential, Commercial and Industrial Environment
	SG8.0RT	8kW	All - Residential, Commercial and Industrial Environment
	SG10.0RT	10kW	All - Residential, Commercial and Industrial Environment
	SG12.0RT	12kW	All - Residential, Commercial and Industrial Environment
	SG15.0RT	15kW	All - Residential, Commercial and Industrial Environment
	SG20 RT	20kW	All - Residential, Commercial and Industrial Environment
	SG3.0RS	3kW	All - Residential, Commercial and Industrial Environment
	SG3.6RS	3.6kW	All - Residential, Commercial and Industrial Environment
	SG4.0RS	4.0kW	All - Residential, Commercial and Industrial Environment
	SG5.0RS	5.0kW	All - Residential, Commercial and Industrial Environment
	SG6.0RS	6.0kW	All - Residential, Commercial and Industrial Environment
	SG25CX-P2	25 kW	All - Residential, Commercial and Industrial Environment
SG30CX-P2	30 kW	All - Residential, Commercial and Industrial Environment	
SG33CX-P2	33 kW	All - Residential, Commercial and Industrial Environment	
SG36CX-P2	36 kW	All - Residential, Commercial and Industrial Environment	
SG40CX-P2	40 kW	All - Residential, Commercial and Industrial Environment	
SG50CX-P2	50 kW	All - Residential, Commercial and Industrial Environment	
SG125CX-P2	125 kW	All - Residential, Commercial and Industrial Environment	
Shenzhen Sofar solar co Ltd	SOFAR 20000 TL-G2	20 kW	All - Residential, Commercial and Industrial Environment
	SOFAR 25000 TL-G2	25kW	All - Residential, Commercial and Industrial Environment
	SOFAR 30000 TL-G2	30 kW	All - Residential, Commercial and Industrial Environment
	SOFAR33000 TL-G2	33 kW	All - Residential, Commercial and Industrial Environment
	SOFAR-50000 TL	50 kW	Industrial, Environment
	SOFAR 60000TL	60 kW	Industrial, Environment
Shanghai Trannergy Power Electronics Co.,Ltd	SGN1300 TL	1000W	All -Residential, commercial and light environment
	SGN1800 TL	1500W	All -Residential, commercial and light environment
	SGN2300 TL	2000W	All -Residential, commercial and light environment
	SGN2700 TL	2500W	All -Residential, commercial and light environment
	SGN3000 TL	3000W	All -Residential, commercial and light environment
	SGN3400 TL	3000W	All -Residential, commercial and light environment
	SGN4000 TL	4000W	All -Residential, commercial and light environment
	SGN4600 TL	4600W	All -Residential, commercial and light environment
	SGN5400 TL	5000W	All -Residential, commercial and light environment
	SGN6600TL	6000W	All -Residential, commercial and light environment
SIEL S.p.a	SOLEIL DSPX 80 TRH 400	80 kW	All -Residential, commercial and light environment
REFU Elektronik GmbH	REFUsoI 08K	8.25KW	All -Residential, commercial and light environment
	REFUsoI 10K	10KW	All -Residential, commercial and light environment
	REFUsoI 13K	13KW	All -Residential, commercial and light environment
	REFUsoI 17K	17KW	All -Residential, commercial and light environment
	REFUsoI 20K	20KW	All -Residential, commercial and light environment
	REFUsoI 40k (840P040)	40KW	Industrial Environment
	REFUsoI 46k (840P046)	46KW	Industrial Environment
	REFUsoI 40k (842P040)	40KW	All-Residential, Commercial and industrial Environment
	REFUsoI 46k (842P046)	46KW	Industrial Environment
Shenzhen Growatt New Energy Technology Co., Ltd	Growatt 30000TL3-S	30000	All -Residential, commercial and light environment
	Growatt 33000TL3-S	33000	All -Residential, commercial and light environment
	Growatt 40000TL3-NS	40000	All -Residential, commercial and light environment
	MAX 50KTL 3LV	50 kW	Industrial Environment
	MAX 60KTL 3LV	60 kW	Industrial Environment
	MAX 70KTL 3LV	70 kW	Industrial Environment
Petra Solar Inc.	MAX 80KTL 3LV	80 kW	Industrial Environment
	SWM 2.1	0.24	All -Residential, commercial and light environment
WeCo Srl Italia	SDX-3-xxxTL	5 kW, 6kW, 8kW, 10kW, 12kW, 15kW, 17kW, 20kW, 33kW	Industrial Environment
	SE27.6K	27600W	All - Residential, Commercial and Industrial Environment
	SE82.8K	82800W	All - Residential, Commercial and Industrial Environment

Solar Edge GmbH	SE55K	55000W	All - Residential, Commercial and Industrial Environment
	SE5K	5000W	All - Residential, Commercial and Industrial Environment
	SE7K	7000W	All - Residential, Commercial and Industrial Environment
	SE10K	10000W	All - Residential, Commercial and Industrial Environment
	SE12.5K	12500W	All - Residential, Commercial and Industrial Environment
	SE25K	25000W	All - Residential, Commercial and Industrial Environment
	SE33.3K	33300W	All - Residential, Commercial and Industrial Environment
	SE66.6K	66600W	All - Residential, Commercial and Industrial Environment
	SE100K	100000W	All - Residential, Commercial and Industrial Environment
Sineng Electric Co	SP-120K-BL	110-110 KW	All - Residential, Commercial and Industrial Environment
<b>PV INVERTERS</b>			
<b>Manufacturer name</b>	<b>Product ID</b>	<b>Description</b>	<b>Usage Category</b>
Evolve Energy	EVVO 33000TLG23P	33000W	
	EVVO 20000TLG23P	20000W	
	EVVO 25000TLG23P	25000W	
	EVVO 30000TLG23P	30000W	
	EVVO 50000TL3P	50000W	
	EVVO 60000TL3P	60000W	
	EVVO 70000TL3P-HV	70000W	
	EVVO 33000TLG23P	33000W	
	EVVO 20000TLG23P	20000W	
	EVVO 25000TLG23P	25000W	
	EVVO 30000TLG23P	30000W	
	EVVO 50000TL3P	50000W	
	EVVO 60000TL3P	60000W	
	EVVO 70000TL3P-HV	70000W	
	<b>INTERFACE PROTECTIONS</b>		
<b>Manufacturer name</b>	<b>Product ID</b>		
ABB	UFDM34M (to be installed with communication unit "RTU560")		
ZIEHL*	SPI1021		
Lovato Electric S.p.A. *	PMVF60		