

Mechanical Characteristics

Number of cells (pcs)	60
Size of cell (mm)	156.75*156.75
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68 (1m, 1h)
Size of module (mm)	1650*990*35
Weight (kg)	18.6 / 17.3
Cables/connectors	H1Z2Z2-K, 4mm ² , 01C1/05-8 / TL-Cable01S/Staubli MC4 EVO2

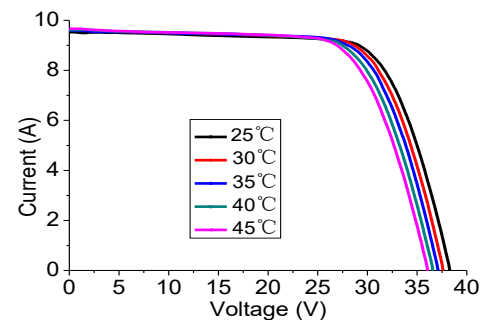
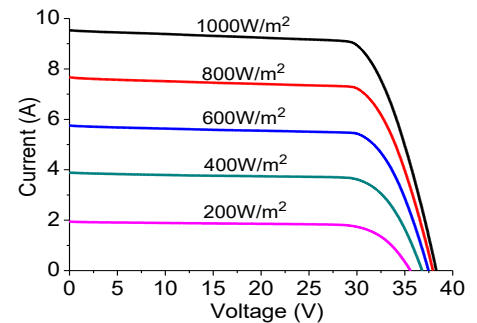
Maximum Ratings

Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1690*1120*1140
Weight of packing (kg)	603
Pieces per container	840
Size of container	40' HC

I-V Curves



Electrical Characteristics

STC	EG-300 M60-CV	EG-305 M60-CV	EG-310 M60-CV	EG-315 M60-CV	EG-320 M60-CV
Pmax (W)	300	305	310	315	320
Vmp (V)	32.23	32.42	32.67	32.89	33.10
Imp (A)	9.31	9.41	9.49	9.58	9.67
Voc (V)	39.65	39.86	40.08	40.30	40.51
Isc (A)	9.84	9.93	10.01	10.09	10.18
Module efficiency (%)	18.36	18.67	18.97	19.28	19.58
Maximum system voltage (V)	1500				
Fuse Rating Current (A)	15 / 20				
Tolerance (%)	Pmax: ±3% Binning: ±5%、Voc: ±5%、Isc: ±5%				
Temperature coefficient	Pmax (%/°C)	-0.390			
	Isc (%/°C)	0.039			
	Voc (%/°C)	-0.295			

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

NOCT	EG-300 M60-CV	EG-305 M60-CV	EG-310 M60-CV	EG-315 M60-CV	EG-320 M60-CV
Pmax (W)	218.59	222.23	228.23	233.09	236.85
Vmp (V)	29.39	29.56	30.19	30.55	30.72
Imp (A)	7.43	7.50	7.56	7.63	7.71
Voc (V)	36.64	36.84	37.10	37.45	37.64
Isc (A)	7.96	8.04	8.08	8.13	8.20
Power tolerance	Pmax: ±3% Binning: ±5W				

NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

Made In China
Changzhou EGING Photovoltaic Technology Co., Ltd



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