

Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	156.75*78.375
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)	1674*990*35
Weight (kg)	18.8 / 17.5
Cables/connectors	H1Z2Z2-K 4mm ² ,01C1/05-8 /TL-Cable01S /Staubli MC4 EVO2

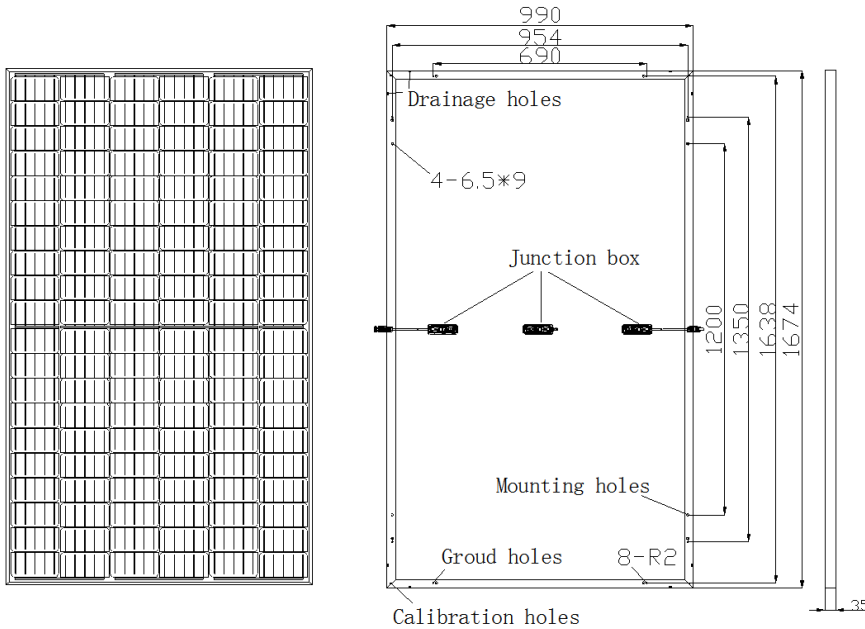
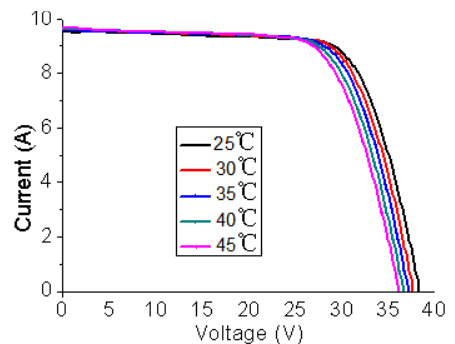
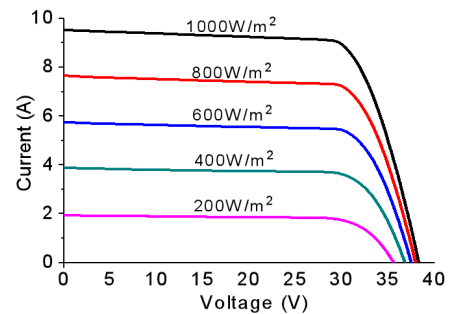
Maximum Ratings

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)	1714*1120*1140
Weight of packing (kg)	609
Pieces per container	780
Size of container	40' HC

I-V Curves



Electrical Characteristics

STC	EG-305 M60-HCV	EG-310 M60-HCV	EG-315 M60-HCV	EG-320 M60-HCV	EG-325 M60-HCV
Pmax (W)	305	310	315	320	325
Vmp (V)	33.05	33.34	33.59	33.83	33.97
Imp (A)	9.23	9.30	9.38	9.46	9.57
Voc (V)	39.55	39.78	40.03	40.35	40.58
Isc (A)	9.69	9.77	9.86	9.94	10.03
Module efficiency (%)	18.4	18.7	19.0	19.3	19.6
Maximum system voltage (V)	1500				
Fuse Rating Current (A)	15 / 20				
Tolerance (%)	Pmax: ±3% Binning; ±5W、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-305 M60-HCV	EG-310 M60-HCV	EG-315 M60-HCV	EG-320 M60-HCV	EG-325 M60-HCV
Pmax (W)	226	229	233	237	241
Vmp (V)	32.85	33.15	33.43	33.67	33.95
Imp (A)	6.88	6.91	6.97	7.04	7.10
Voc (V)	36.67	36.96	37.28	37.45	37.66
Isc (A)	7.93	7.99	8.04	8.12	8.18
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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