

Mechanical Characteristics

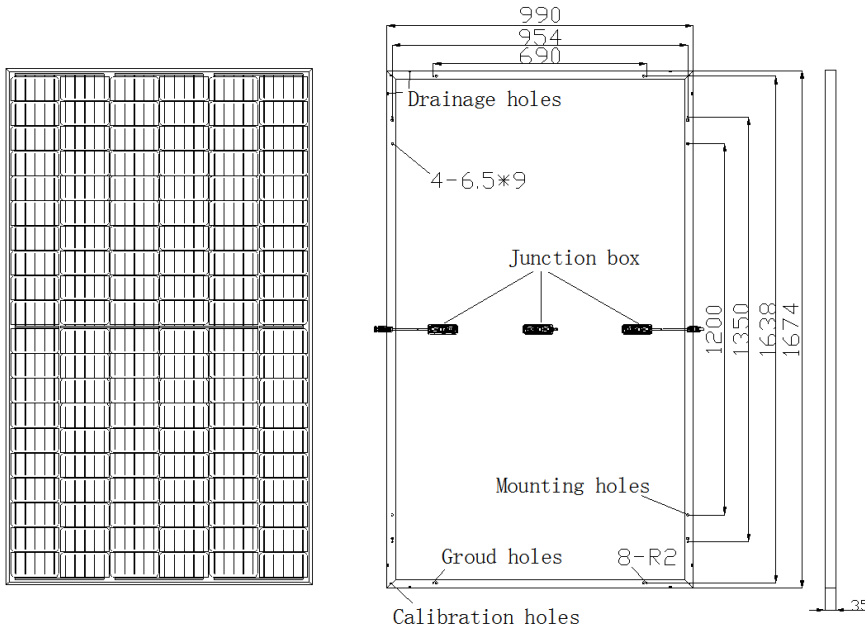
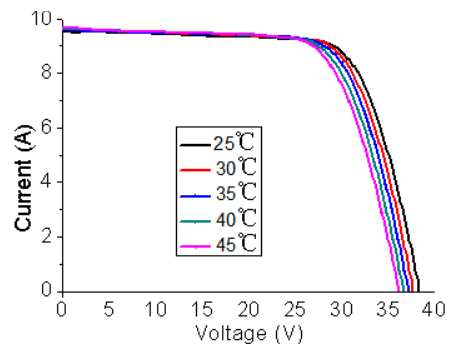
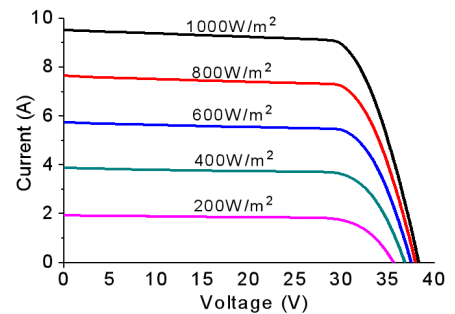
Number of cells (pcs)	120
Size of cell (mm)	156.75*78.375
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68 (1m, 1h)
Size of module (mm)	1674*990*35
Weight (kg)	18.8 / 17.5
Cables/connectors	H1Z2Z2-K 4mm ² ,01C1/05-8 / TL-Cable01S/ Staubli MC4

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-300 M60-HC			
Pmax (W)	300			
Vmp (V)	32.79			
Imp (A)	9.15			
Voc (V)	39.25			
Isc (A)	9.61			
Module efficiency (%)	18.1			
Maximum system voltage (V)	1000			
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-300 M60-HC			
Pmax (W)	222			
Vmp (V)	32.56			
Imp (A)	6.82			
Voc (V)	36.35			
Isc (A)	7.86			
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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