

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 ,01C/05-6 /TL-Cable01 / Staubli MC4

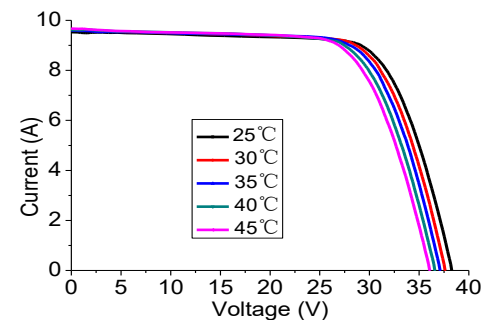
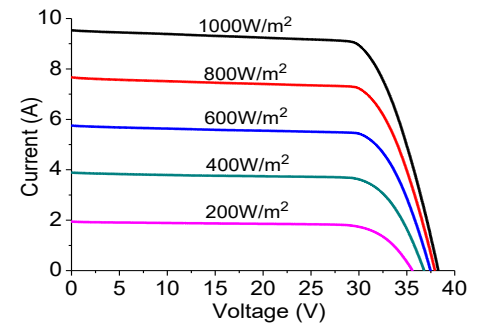
Maximum Ratings

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

I-V Curves



Electrical Characteristics

STC	EG-285 M60-C	EG-290 M60-C	EG-295 M60-C		
Pmax (W)	285	290	295		
Vmp (V)	31.67	31.77	32.00		
Imp (A)	9.00	9.13	9.22		
Voc (V)	39.01	39.24	39.43		
Isc (A)	9.55	9.66	9.75		
Module efficiency (%)	17.44	17.75	18.05		
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-285 M60-C	EG-290 M60-C	EG-295 M60-C		
Pmax (W)	209.20	211.30	214.93		
Vmp (V)	28.82	28.97	29.18		
Imp (A)	7.26	7.28	7.36		
Voc (V)	36.11	36.27	36.43		
Isc (A)	7.79	7.82	7.89		
Power tolerance	Pmax: ±3% Binning: ±5W				
NOCT: Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s					

Made In China
Changzhou EGING Photovoltaic Technology Co., Ltd



Specifications in this catalog sheet are subject to technical changes and product innovations. EGING PV reserves the right of final interpretation.