

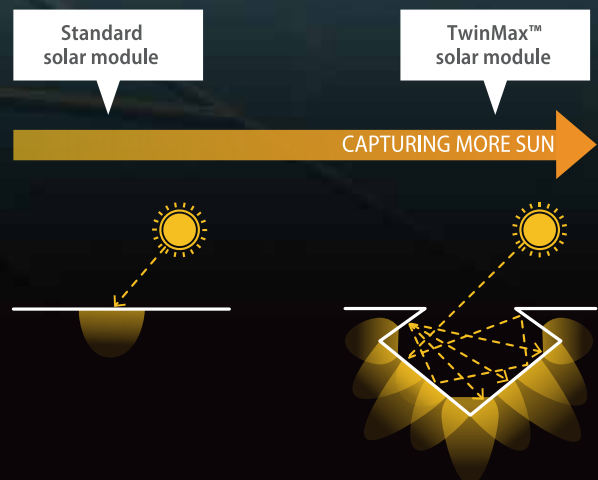
HIGH PERFORMANCE POLYCRYSTALLINE MODULE

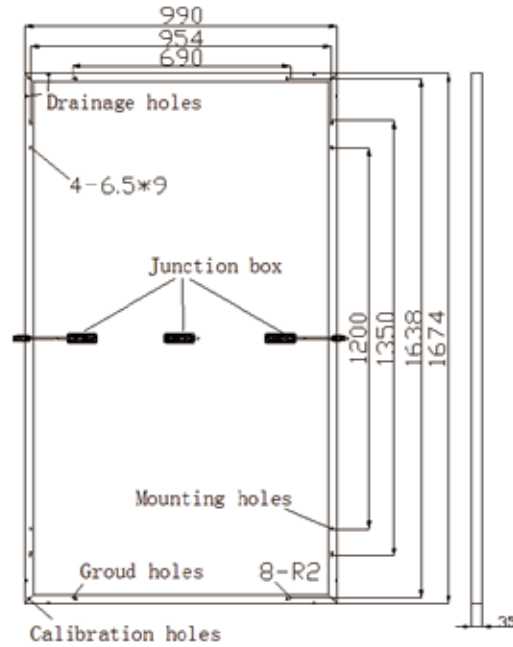
# TwinMax™

**TwinMax™** Created by Eging PV we use the most advanced poly PERC solar cells and assembling technology to help you harvest from the sunshine with low cost.

## 4 Features

1. **Cells**- Polycrystalline PERC cell can be almost same high efficiency with monocrystalline but more stable output and less power degradation.
2. **Cut**- Newest Half-Cut Cells to increase power & superior shade response .
3. **Colour**: Built with full black frame and Blue cells perfectly intergrated with your roof.
4. **Consistency**: Manufactured with the most advanced automated German equipments.

BLOOMBERG  
TIER 1 BRANDPUBLIC LISTED  
SHANGHAI  
STOCK MARKET30+ YEARS  
COMPANY HISTORY  
15+ YEARS  
IN SOLAR BUSINESSAUSTRALIAN  
OFFICE AND  
SERVICE CENTER**15** Years General Product Warranty**25** Years Linear Output Performance Guaranteed with 3rd Party Insurance**EGING PV CO,LTD (HEAD QUARTER)**No.18 Jinwu Road, Jintan, Changzhou  
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## Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	156.75*78.375
Type of cell	Poly
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP67
Size of module (mm)	1674*990*35
Weight (kg)	18.8
Cables/connectors	PV1-F 4mm <sup>2</sup> Genuine 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

## Electrical Characteristics

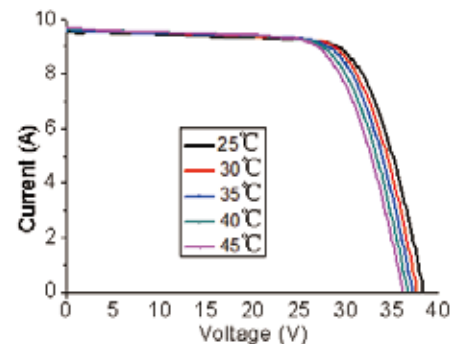
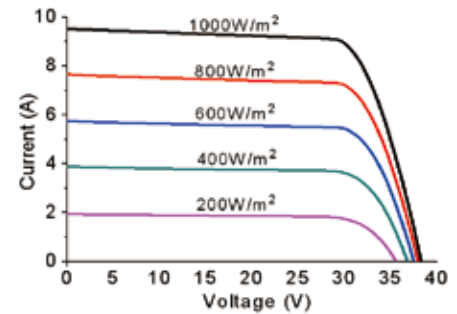
STC	EG-280 P60-HC	EG-285 P60-HC	EG-290 P60-HC	EG-295 P60-HC	EG-300 P60-HC
Pmax (W)	280	285	290	295	300
Vmp (V)	31.97	32.25	32.52	32.78	33.05
Imp (A)	8.76	8.84	8.92	9.00	9.08
Voc (V)	38.52	38.80	39.03	39.30	39.58
Isc (A)	9.34	9.43	9.52	9.61	9.70
Module efficiency (%)	16.89	17.20	17.50	17.80	18.10
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	20				
Tolerance (%)	Pmax: 0~3% Binning: 0~5W、Voc: ±5%、Isc: ±5%				
Temperature coefficient	Pmax (%/°C)	-0.405			
	Isc (%/°C)	-0.298			
	Voc (%/°C)	0.041			

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5

NOCT	EG -280 P60-HC	EG -285 P60-HC	EG -290 P60-HC	EG -295 P60-HC	EG-300 P60-HC
Pmax (W)	207	211	215	219	223
Vmp (V)	29.71	29.85	30.04	30.22	30.47
Imp (A)	6.97	7.07	7.16	7.25	7.32
Voc (V)	36.89	37.09	37.29	37.51	37.75
Isc (A)	7.40	7.49	7.57	7.68	7.75
Power tolerance	Pmax: ±3% Binning: ±5W				

NOCT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

## I-V Curves



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