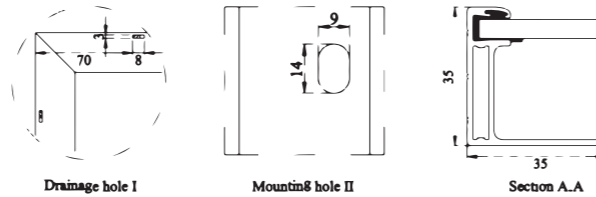
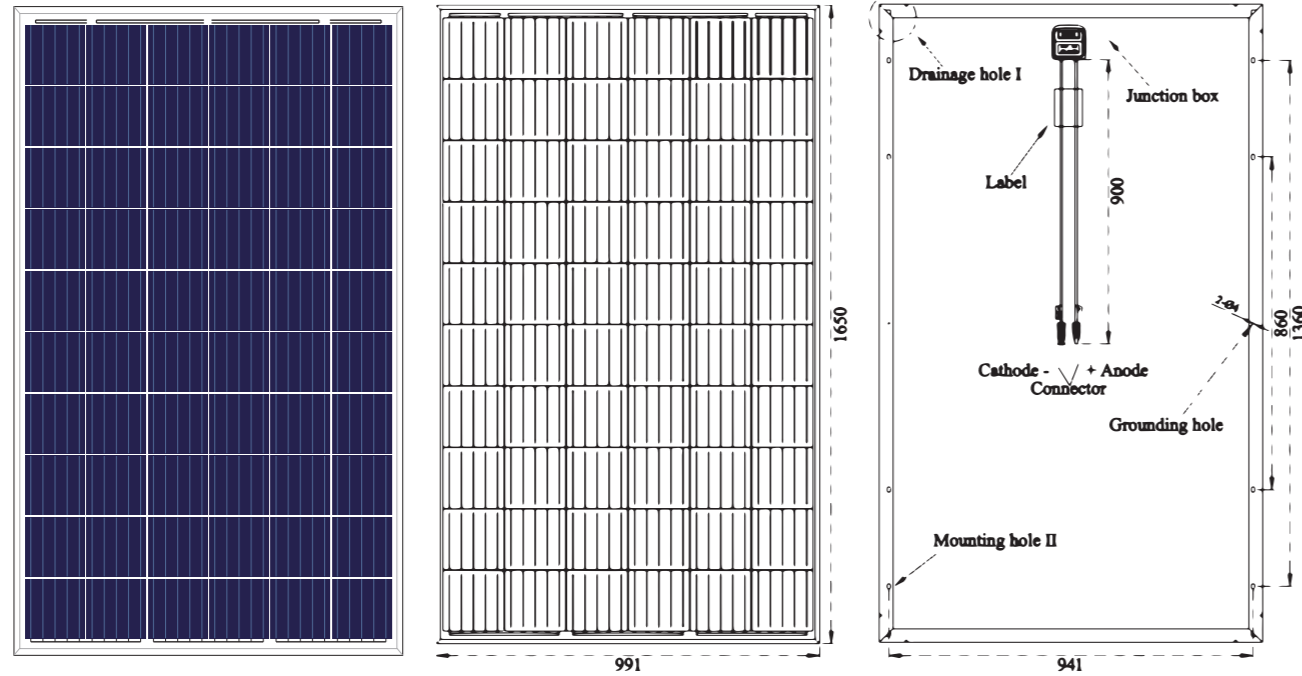


# Perc DHP60 <sup>5BB</sup>

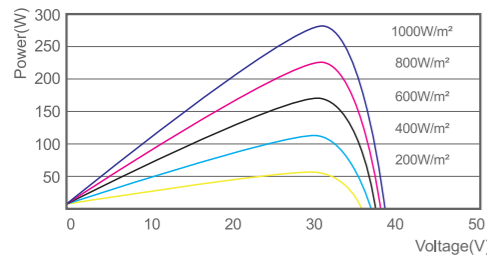
## 280W-295W

Poly crystalline PV Module

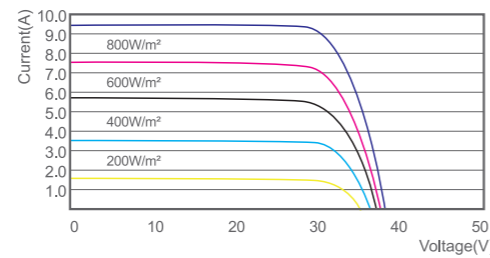


## Function parameter

PV Curve (295W)



IV Curve (295W)



### Mechanical Specification

Cells Type	Poly156.75×156.75mm
Weight	18.8kg
Dimension (L×W×T)	1650×991×35mm
Output Cables	TUV, Length900mm, 4.0mm <sup>2</sup>
No.of Cells	60 (6×10)
Front Glass	3.2mm High Transmission,Low Iron Tempered Glass
Frame	Anodised Aluminium
Junction box	IP67, 3 Bypass Diodes
Connector	MC4 or MC4 Compactible

### Packing Configuration

Container	20GP	40GP	40HC
PCS per pallet	30	30	30
PLT per container	14	28	28
PCS per container	400	840	924

### Operating Parameters

Maximum system voltage	DC1000V
Operating Temperature(°C)	-40 ~ +85°C
Maximum series fuse rating	15A
Snow load,frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature (NOCT)	45°C±2°C
Application level	Class A

### Electrical Characteristics (Standard Test Conditions)

Module Type	DHP60-280	DHP60-285	DHP60-290	DHP60-295
Maximum Power(Pmax)	280W	285W	290W	295W
Open-circuit Voltage (Voc)	38.7V	38.8V	39.0V	39.2V
Maximum Power Voltage (Vmp)	31.4V	31.6V	31.8V	32.1V
Short-circuit Current (Isc)	9.34A	9.48A	9.63A	9.77A
Maximum Power Current(Imp)	8.92A	9.02A	9.12A	9.19A
Module Efficiency(%)	17.12%	17.43%	17.74%	18.04%
Power Tolerance	0~+5W			
Temperature Coefficient of Isc	0.05%/°C			
Temperature Coefficient of Voc	-0.32%/°C			
Temperature Coefficient of Pmax	-0.41%/°C			
Standard Test Environment	Irradiance 1000w/m <sup>2</sup> , Cell temperature 25°C, Spectrum AM1.5			

### Electrical Characteristics (Noct)

Module Type	DHP60-280	DHP60-285	DHP60-290	DHP60-295
Maximum Power(Pmax)	208W	211W	215W	219W
Open-circuit Voltage (Voc)	35.8V	36.0V	36.2V	36.4V
Maximum Power Voltage (Vmp)	29.2V	29.3V	29.4V	29.5V
Short-circuit Current (Isc)	7.55A	7.64A	7.76A	7.83A
Maximum Power Current(Imp)	7.12A	7.21A	7.31A	7.43A
Standard Test Environment	Irradiance 800w/m <sup>2</sup> , Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s			

