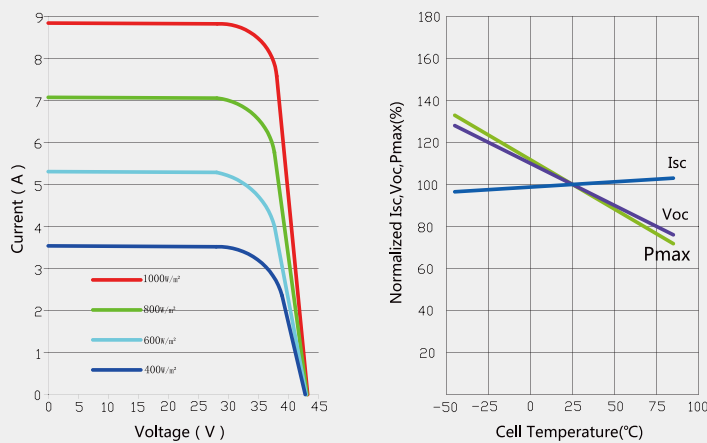


Electrical Specification

Model No.	PBP-240W	PBP-250W	PBP-260W	PBP-270W	PBP-280W
Maximum Power at STC (Pmax)	240Wp	250Wp	260Wp	270Wp	280Wp
Maximum Power Voltage (Vmp)	34.4V	34.7V	35.1V	35.2V	35.5V
Maximum Power Current (Imp)	6.98A	7.20 A	7.43A	7.67A	7.89A
Open circuit Voltage (Voc)	43.2V	43.5V	43.9V	44.2V	44.5V
Short circuit Current (Isc)	7.89A	8.11A	8.30A	8.59A	8.281A
Solar Cells Efficiency (%)	14.00%	14.50%	15.25%	15.75%	16.25%
Module Efficiency (%)	12.37%	12.88%	13.40%	13.92%	14.43%
Power Tolerance					±3%
Maximum System Voltage	600V(UL)/1000(TUV,VDE)VDC				
Maximum Rated Current Senses	15A				
Temp. coefficient Voc	-0.35 (±0.02) %/°C				
Temp. coefficient Isc	0.05 (±0.0015) %/°C				
Temp. coefficient Power	-0.47 (±0.05) %/°C				
Nominal operating cell temperature (NOCT)	48±2°C				
Operating Temperature	-40°C +85°C				

STC: Irradiance 1000W/m² Module Temperature 25°C AM=1.5

I-V Curves & Temperature Dependence of Isc, Voc, Pmax



Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of Cells	72 (6×12)
Dimensions	1956×992×50mm (77.06×39.08×1.97 inch)
Weight	23kg (50.7 lbs.)
Front Glass	3.2mm High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TUV 1×4.0mm ² Length 900mm

Packaging Configuration

Packing Configuration	2 pcs / box
Quantity / Pallet	18 boxes / pallet
Loading Quantity	180 pcs/20 ft or 360 pcs/40 ft

Engineering Drawings

