
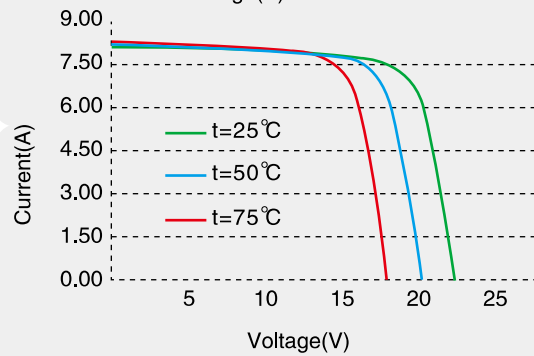
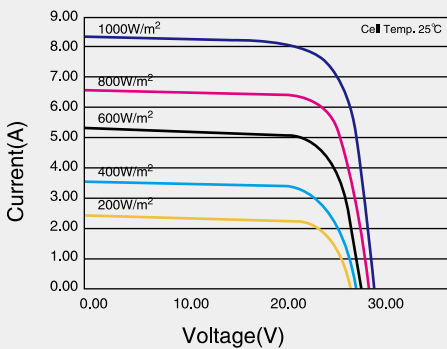


Electrical Specification

Model No.	PBP-155W	PBP-160W	PBP-165W	PBP-170W	PBP-175W	PBP-180W	PBP-185W
Maximum Power at STC (Pmax)	155Wp	160Wp	165Wp	170Wp	175Wp	180Wp	185Wp
Maximum Power Voltage (Vmp)	22.94V	23.42V	23.66V	23.80V	24.10V	24.29V	24.48V
Maximum Power Current (Imp)	6.76A	6.83A	6.97A	7.14A	7.26 A	7.41A	7.56 A
Open circuit Voltage (Voc)	28.70V	28.70V	28.75V	28.80V	28.85V	29.14V	29.38V
Short circuit Current (Isc)	7.24A	7.35A	7.47A	7.72A	7.95A	8.10A	8.23A
Solar Cells Efficiency (%)	13.25%	13.75%	14.12%	14.62%	15.12%	15.62%	16.12%
Module Efficiency (%)	11.84%	12.22%	12.60%	12.98%	13.36%	13.75%	14.13%
Power Tolerance				±3%			
Maximum System Voltage	600V(UL)/1000(TUV,VDE)VDC						
Temp. coefficient Voc (%/°C)				-0.32			
Temp. coefficient Isc (%/°C)				0.04			
Temp. coefficient Power (%/°C)				-0.35			
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	48pcs(6 x 8)
Dimensions	1316mmx992x48mm
Weight	15.6kg
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	36 boxes / pallet
Loading Quantity	288 pcs/20 ft or 576 pcs/40 ft

Engineering Drawings

