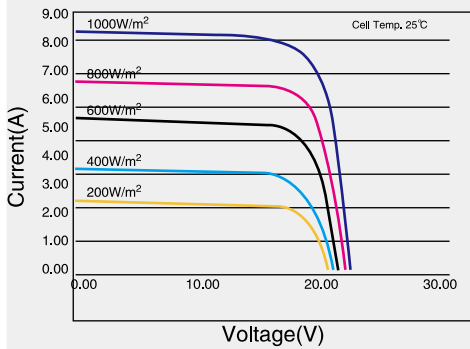


Electrical Specification

Model No.	PBP-120W	PBP-125W	PBP-130W	PBP-135W	PBP-140W
Maximum Power at STC (Pmax)	120Wp	125Wp	130Wp	135Wp	140Wp
Maximum Power Voltage (Vmp)	17.57V	17.78V	17.96V	18.22V	18.36V
Maximum Power Current (Imp)	6.83A	7.03 A	7.24A	7.41A	7.63 A
Open circuit Voltage (Voc)	21.53V	21.56V	21.60V	21.85V	22.03V
Short circuit Current (Isc)	7.35A	7.60A	7.83A	8.10A	8.23A
Solar Cells Efficiency (%)	13.75%	14.37%	14.87%	15.62%	16.12%
Module Efficiency (%)	12.25%	12.88%	13.27%	13.78%	14.29%
Power Tolerance				±3%	
Maximum System Voltage	600V(UL)/1000(TUV,VDE)VDC				
Maximum Rated Current Senses	10A				
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

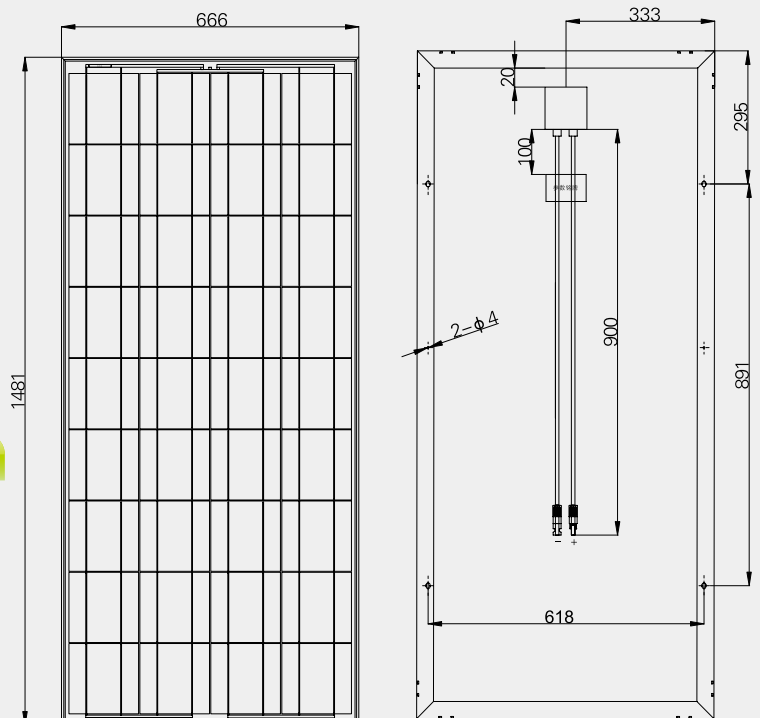
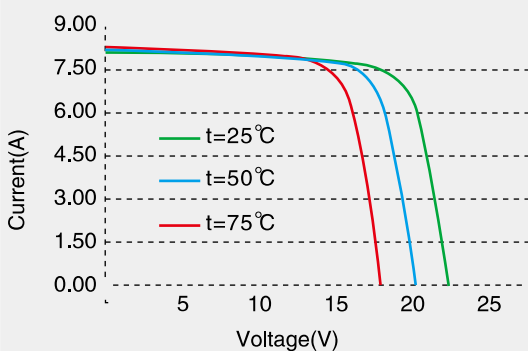


Mechanical Characteristics

Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of Cells	36pcs(4x9)
Dimensions	1481mmx666mmx48mm
Weight	12.8kg
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

Temperature Dependence of Isc,Voc,Pmax

Engineering Drawings



Packaging Configuration

Packing Configuration	2 pcs / box
Quantity / Pallet	36boxes / pallet
Loading Quantity	360 pcs/20 ft or 756 pcs/40 ft