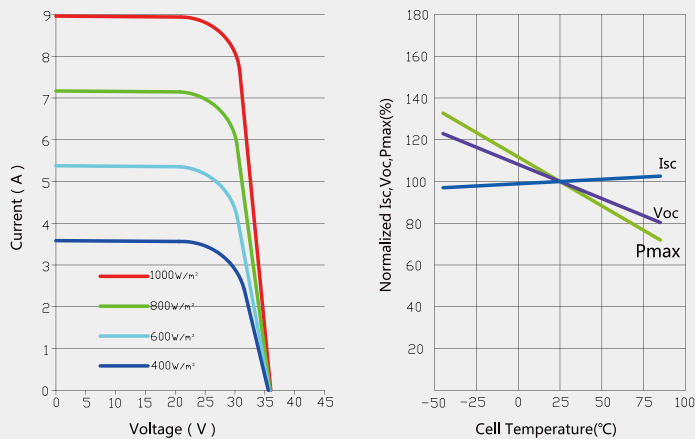


Electrical Specification

Model No.	PBP-205W	PBP-210W	PBP-215W	PBP-220W	PBP-225W	PBP-230W
Maximum Power at STC (Pmax)	205Wp	210Wp	215Wp	220Wp	225Wp	230Wp
Maximum Power Voltage (Vmp)	28.8V	29.0V	29.1V	29.2V	29.4V	29.6V
Maximum Power Current (Imp)	7.12A	7.24 A	7.39A	7.53A	7.65 A	7.78A
Open circuit Voltage (Voc)	36.3V	36.4V	36.5V	36.6V	36.7V	36.8V
Short circuit Current (Isc)	7.76A	7.88A	7.99A	8.10A	8.25A	8.35A
Solar Cells Efficiency (%)	14.25%	14.75%	15.00%	15.50%	15.75%	16.00%
Module Efficiency (%)	12.52%	12.83%	13.14%	13.44%	13.74%	14.05%
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					

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	60 (6×10)
Dimensions	1650×992×50mm (65.01×39.08×1.97 inch)
Weight	19.5kg (43 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	216 pcs/20 ft or 504 pcs/40 ft

Engineering Drawings

