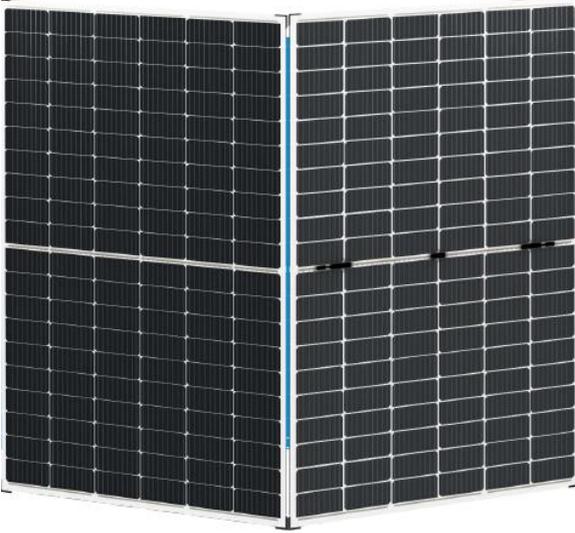


PWSOLAR BIFACIAL

375W Double Glass

BIFACIAL MONOCRYSTALLINE MODULE

ADVANCED PERFORMANCE & PROVEN ADVANTAGES



- ◆ High module conversion efficiency up to 20.40% by using innovative Half-cell design and Multi-busbar(MBB) cell technology.
- ◆ Low temperature coefficient and excellent performance under high temperature and low light conditions.
- ◆ Robust aluminum frame ensures the modules to withstand wind loads up to 2400Pa and snow loads up to 5400Pa.
- ◆ High reliability against extreme environmental conditions (passing salt mist, ammonia and hail tests).
- ◆ Potential induced degradation (PID) resistance.
- ◆ Power tolerance of $\pm 5\%$.

ELECTRICAL CHARACTERISTICS AT STC

Model	PWDG375Wp-120M
Maximum Power (P_{max})	375W
Power Tolerance	$\pm 5\%$
Open Circuit Voltage (VOC)	41.61V
Short Circuit Current (ISC)	11.43A
Voltage at Nominal Power (V_{mp})	34.45V
Current at Nominal Power (I_{mp})	10.89A
Size of Module	1767 x 1040 x 6mm
Standard Test condition	Irradiance:1000W/M2 Temp: 25°C , & AM :1.5G spectrum
Maximum system voltage	1000VDC/1500VDC
Operating temperature	- 40°C to +85°C
Module Efficiency	20.40%

ELECTRICAL CHARACTERISTICS AT STC

NOCT	45 +/- 2°C
Voltage temperature coefficient(V_{oc})	-0.330%/°C
Current temperature coefficient (I_{sc})	+0.058%/°C
Power temperature coefficient(P_{mpp})	-0.400%/°C
Minimum power tolerance	+/-10%
NOCT	45 +/- 2°C



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MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline
Number of cell	120pcs (2 x 60)
Size of Module	1767 x 1040 x 6mm
Weight	About 25.50kgs
Front Glass	2.5mm Semi tempered coated glass
Interlayer	EVA/POE/PVB
Back Glass	2.5mm Semi tempered coated glass
Frame	No Frame
Junction Box	IP67, 3 diodes
Cable	4mm ² (0.006inches ²), Portrait : 300mm
Connector	MC4 or MC4 compatible
Maximum Load Capacity(Pa)	2400(wind load)/2400(snow load)

MODULE WARRANTY

12 year limited product; limited linear power warranty: 12 year 91.20% of nominal power output, 30 year 80.60% of nominal power output.
20 years product warranty; 30 years linear power output warranty

PACKING

Standarding Packing: 38pcs/Pallet

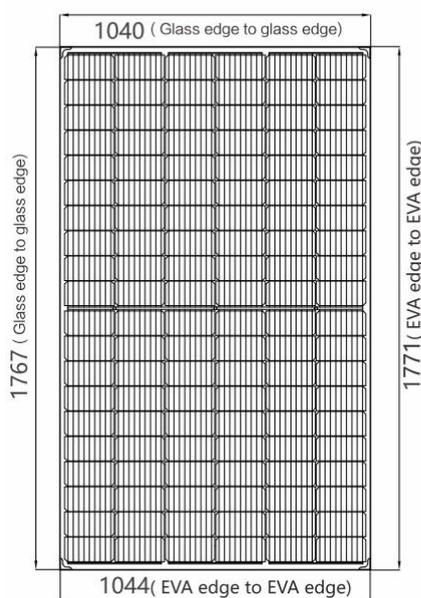
Module Quantity of 20' container: 418pcs

Module Quantity of 40' container: 912pcs

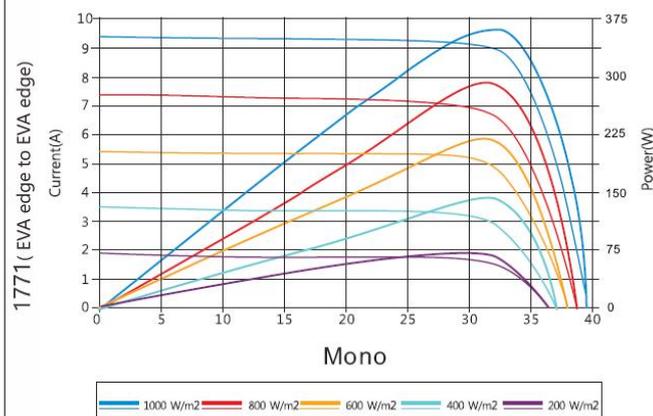
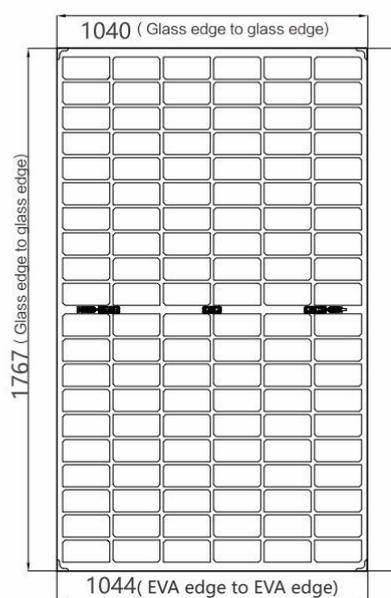
ENGINEERING DRAWING

IV CURVES

Front View



Back View



Excellent performance under weak light conditions: at an irradiation intensity of 800W/m² (AM 1.5, 25°C), 95.5% or higher of the STC efficiency(1000W/m²) is achieved.



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