



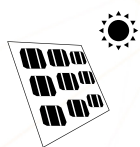
MONOCRYSTALLINE SOLAR PANEL

PS390W#PVPI

390_W



Features



ADVANCED PERC CELL TECHNOLOGY

Amazing energy life, high module efficiency

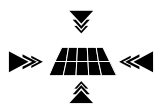
Low breakage rate, Annual power degradation 0.7%



FAST & SAFE

Easy installation and handling

Environmentally friendly



MODULE DURABILITY

5400 Pa snow load, 2400 Pa wind load

Ideal for PV rooftops, ground mount, floating



THE #1 DOMESTIC PV MANUFACTURER IN VIETNAM

100% Automatic production line

International quality PV technology

THE CROWN OF POWER SOLUTIONS

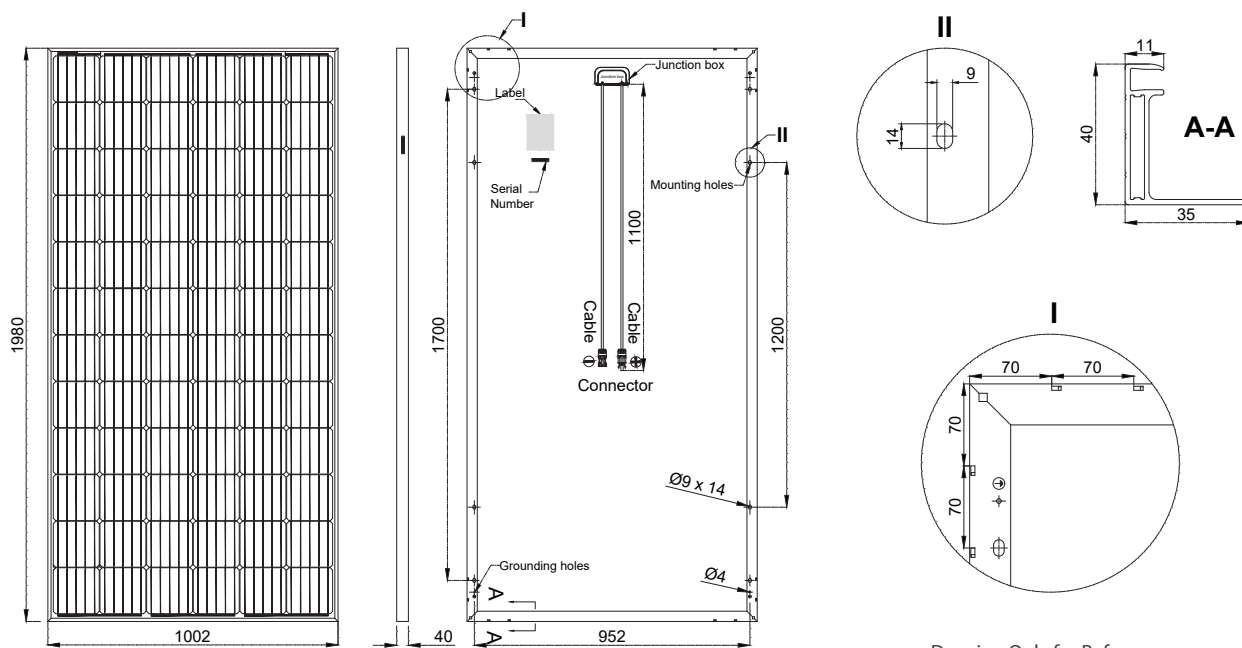
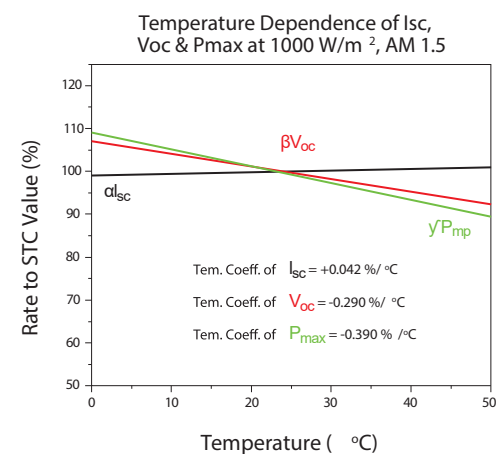
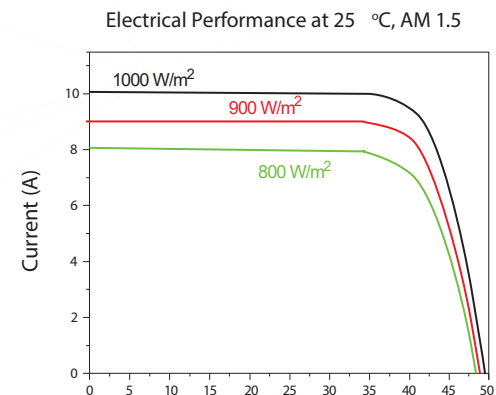
ELECTRICAL CHARACTERISTICS STC

Maximum Power (Pmax)	390 W
Power Tolerance	0 ~ 3 %
Module Efficiency	19.66 %
Maximum Power Current (Imp)	9.37 A
Maximum Power Voltage (Vmp)	41.62 V
Short Circuit Current (Isc)	9.91 A
Open Circuit Voltage (Voc)	48.82 V
Values at Standard Test Conditions (STC: AM 1.5 Spectrum, Irradiance of 1000 W/m ² , Cell Temperature 25°C)	

ELECTRICAL CHARACTERISTICS NMOT

Maximum Power (Pmax)	308.10 W
Maximum Power Current (Imp)	7.49 A
Maximum Power Voltage (Vmp)	41.20 V
Short Circuit Current (Isc)	7.93 A
Open Circuit Voltage (Voc)	48.33 V
Values at Nominal Module Operating Temperature (NMOT: AM 1.5 Spectrum, Irradiance of 800 W/m ² , Ambient Temperature 20°C, Wind Speed 1 m/s)	

PERFORMANCE



Drawing Only for Reference

MECHANICAL CHARACTERISTICS

Cell Type	158.75 x 158.75 mm Monocrystalline, 72 (6 x 12) pcs in series
Front Cover	3.2 mm High Transmission, Low Iron, Tempered Glass with Anti-Reflective Coating
Back Cover	Composite film
Frame	Anodized Aluminum Alloy type 6063 - T5 (Silver/ Black)
Junction Box	3 bypass diodes, IP 68 rated in accordance with IEC 62790
Dimension	1980 x 1002 x 40 mm
Output Cable	4 mm ² (IEC)/ 12 AWG (UL), 1100 mm in accordance with IEC 62852
Weight	23 kg (approx)
Connector	MC4 Compatible

PACKING INFORMATION

Container	20' GP	40' GP	40' HQ
Pallets per Container	10	22	22
Pieces per Container	270	594	638

OPERATING CONDITIONS

Operating Temperature	-40 °C ~ +85 °C
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	20 A
NMOT	45 °C ± 2 °C
Application Class	Class A