



OMNIPOWER

THE POWER OF CHOICE

80W ~ 150W

POLYCRYSTALLINE PV SOLAR PANEL MODULES

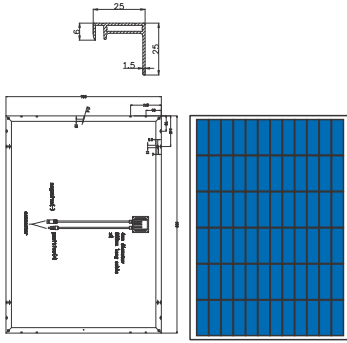
Aluminium frame

Bypass diodes to reduce loss in
partial shadow

IP65

CE Standard

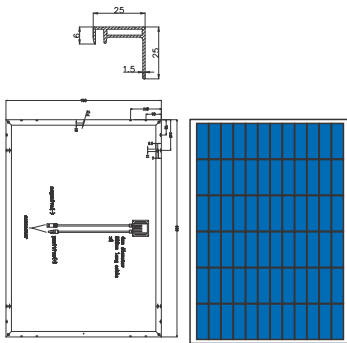




OMNI-80-PR Polycrystalline module 72 cells

Peak Power (Pmax)	80W
Open circuit voltage (Voc)	21.2V
Voltage at Pmax (Vmp)	16.9V
Short circuit current (Isc)	5.27A
Current at Pmax (Imp)	4.74A
Power tolerance range	± 3%
Maximum System Voltage	DC1000V

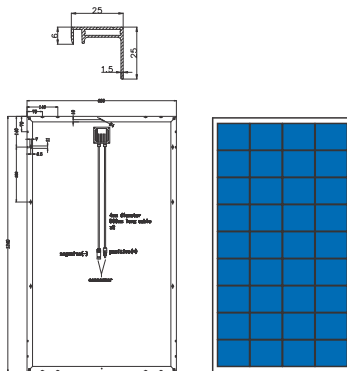
Temperature Range	-40°C ~ +80°C
Weight	7.8kg
Dimensions (L x W x H mm)	990 x 710 x 25
All technical data standard	AM1.5 E=1000W/m ²
test condition:	Tc=25°C
Module Application:	Class A



OMNI-100-PR Polycrystalline module 72 cells

Peak Power (Pmax)	100W
Open circuit voltage (Voc)	22.3V
Voltage at Pmax (Vmp)	18.2V
Short circuit current (Isc)	6.12A
Current at Pmax (Imp)	5.50A
Power tolerance range	± 3%
Maximum System Voltage	DC1000V

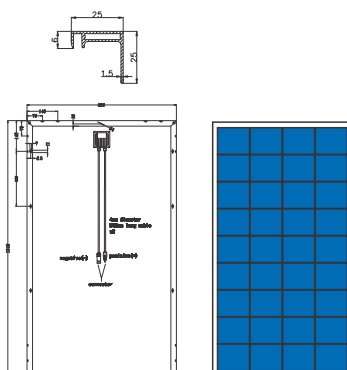
Temperature Range	-40°C ~ +80°C
Weight	7.8kg
Dimensions (L x W x H mm)	990 x 710 x 25
All technical data standard	AM1.5 E=1000W/m ²
test condition:	Tc=25°C
Module Application:	Class A



OMNI-120-PR Polycrystalline module 36 cells

Peak Power (Pmax)	120W
Open circuit voltage (Voc)	22.1V
Voltage at Pmax (Vmp)	17.9V
Short circuit current (Isc)	7.46A
Current at Pmax (Imp)	6.71A
Power tolerance range	± 3%
Maximum System Voltage	DC1000V

Temperature Range	-40°C ~ +80°C
Weight	9.5kg
Dimensions (L x W x H mm)	1242 x 680 x 31
All technical data standard	AM1.5 E=1000W/m ²
test condition:	Tc=25°C
Module Application:	Class A



OMNI-150-PR Polycrystalline module 36 cells

Peak Power (Pmax)	150W
Open circuit voltage (Voc)	22.3V
Voltage at Pmax (Vmp)	18.3V
Short circuit current (Isc)	8.81A
Current at Pmax (Imp)	8.20A
Power tolerance range	± 3%
Maximum System Voltage	DC1000V

Temperature Range	-40°C ~ +80°C
Weight	11kg
Dimensions (L x W x H mm)	1480 x 680 x 31
All technical data standard	AM1.5 E=1000W/m ²
test condition:	Tc=25°C
Module Application:	Class A