

Photovoltaic Module

PRODUCT RANGE

MONOCRYSTALLINE 155Wp – 180Wp

Feature

- High conversion efficiency based on leading innovative photovoltaic technologies
- High reliability with guaranteed $\pm 3\%$ power output tolerance, ensuring return on investment
- Withstands high wind-pressure and snow load (passed IEC 5400Pa mechanical loading test), and extreme temperature variations

Quality and Safety

- 25-year power output transferable warranty
- Rigorous quality control meeting the highest international standards
- ISO 9001:2000 (Quality Management System) and ISO 14001:2004 (Environmental Management System) certified factories manufacturing world class products
- IEC61215, IEC61730, conformity to CE

Recommended Applications

- Residential roof top systems
- On-grid utility systems
- On-grid commercial systems



MONOCRYSTALLINE
PHOTOVOLTAIC MODULE 180Wp

TECHNICAL DATA

Model No.							-
Maximum Power @ STC	Pmax						180Wp
Open Circuit Voltage	Voc						45.0V
Optimum Operating Voltage	Vmp						36.0V
Short Circuit Current	Isc						5.20A
Optimum Operating Current	Imp						5.00A
Operating Temperature	-40°C to +85°C						
Maximum System Voltage							1000VDC
Maximum Serials Fusing Rating							15A
Power Tolerance							±3%
Module Efficiency							14.1%
Type of Solar Cell	Monocrystalline, 125 x 125 mm (5-inch)						
No. of Cells	72 (6 x 12)						
Dimensions	1580 x 808 x 50 mm						
Net Weight	15.5 kg						
Frame	Anodized aluminum alloy						
Front Glass	3.2 mm tempered glass						
Backsheet	TPT (DNP Japan)						
Junction Box	IP65 rated						
Cables	LAPP 4.0 mm ² , asymmetrical lengths (-) 1200 mm and (+) 800 mm; MC Plug Type IV connectors						
Nominal Operating Cell Temperature (NOCT)	45±2°C						
Temperature Coefficient of Pmax	-0.48%/°C						
Temperature Coefficient of Voc	-0.34%/°C						
Temperature Coefficient of Isc	0.037%/°C						



STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5

[All technical data subject to changes without prior notice.]