

Solen WS 180

Photovoltaic Module Specification

Other Characteristics

Type of Cell : Mono / Multi Crystalline Silicon
Front Face : Tempered Glass (Low Iron)
Encapsulate : Ethylene Vinyl Acetate
Frame : Anodized Aluminium
Junction Box : Weather Proof Nylon 6

Temp. Coefficients : Voltage -0.123 V / °K Current +4.4 mA / °K

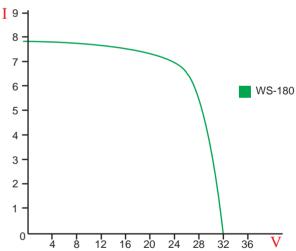
Power -0.47% / °K

NOCT : 47+/-2 °C

Electrical Characteristics *	WS-180
Power (Pm) in Watts (nominal)	180
Open Circuit Voltage (Voc) in Volts	32
Short Circuit Current (Isc) in Amps	7.8
Voltage at Maximum Power (Vmp) in Volts	26
Current at Maximum Power (Imp) in Amps	6.9
Maximum System Voltage	1000V
Physical Paramerters (Refer drawing below)	
Solar Cells per Module (Units)	54
Length x Width x Thickness (L x W x T) mm	1490 x 990 x 42
Weight - Kg	17.5
Mounting Holes Pitch (Y) - mm	900
Mounting Holes Pitch (X) - mm	949
Cables with Connectors	4mm², TÜV certified, 1000mm each
Junction Box	IP65 / 4T with 3 diodes

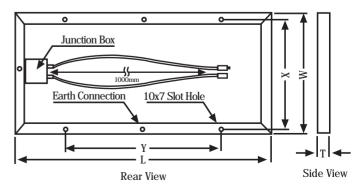
- Certifications: IEC 61215 / IEC 61730 1 / IEC 61730 2 / TUV Safety Class II
- Due to constant product modifications, SOLEN reserves the right to amend the above specifications without prior notice.
- All modules of 180Wp and above are supplied with pre-fixed cables and connectors.
- All modules of 120Wp and above are supplied with screwless Hollow section frames.
- · Warranty: Up to 25 Years Limited Extended Warranty





Mounting Details

All dimensions in mm and tolerances ±2mm



* Measurement Tolerance on Power +/- 5%. All electrical parameters specified at STC :25°C cell temperature; 100mW / cm² irradiance; AM 1.5



SOLEN Solar Energy

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