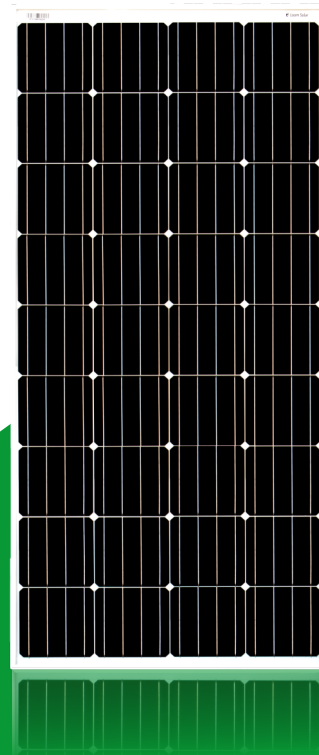


180W

Loom solar 180 watt solar panel is made of A grade black silicon cells to generate electricity from sun. The cells are made of superior quality silicon which gives higher efficiency up to 20% and also performs better in low light. It is the latest panels in mono crystalline technology that comes with 5 busbars 36 cells and 25 years performance warranty. IP 67 rated junction with MC4 connectors and 1 meter wire is given for outdoor use.



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Features



Best in Class Efficiency

Innovative cell technology ensures optimum solar power generation providing high value for money upto 20%.



Outstanding Durability

With its newly reinforced frame design, Loom Solar 180W can endure a front load up to 6,000Pa, and a rear load up to 5,400Pa.



Enhanced Performance Warranty

After 25 years, Loom Solar 180W is guaranteed at least 80% of initial performance.



Excellent Low-light Performance

Built with high quality glass and solar cell, mono-crystalline gives higher performance in low-light and cloudy weather.



Aesthetic Roof

Loom Solar 180W has been designed with aesthetics in mind. It can increase the value of a property with its modern design.



Application

Perfect for charging 12V (40AH-200AH) battery and running Lead Acid and Li-Ion battery

About Loom Solar Pvt. Ltd.

Loom Solar is India's premium solar brand that manufactures monocrystalline solar panel and AC Module. It is an Indian company headquartered in Faridabad, Haryana

Electrical Parameters

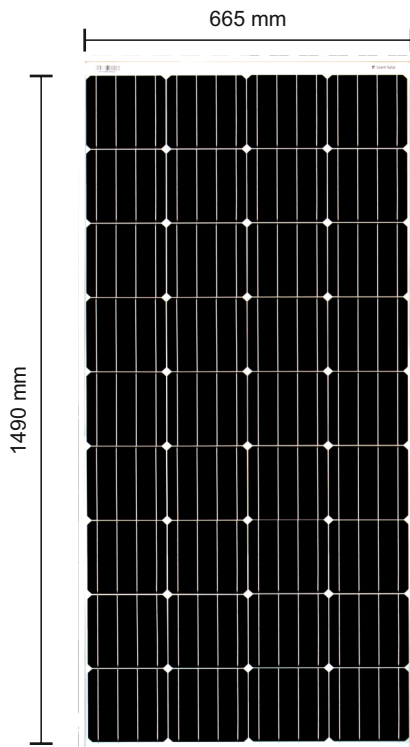
Model		180 Watts	
Cell Configurations (Nos.)	[Nos]	9 x 4 (36) Series	
Parameters		Value	Tolerance
Pmax (W)	[W]	180.00	±3.0%
Voc (V)	[V]	23.26	
Isc (A)	[A]	9.53	
Vmax (V)	[V]	19.95	
Imax (A)	[A]	9.03	
Fill Factor (%)	[%]	81.20	
Module Efficiency (%)	[%]	18.17	
Maximum System Voltage	[VDC]	1000.00	
Nominal Operating Cell Temp.	{NOCT} (°C)	44.0 °C	
Temp. Coefficient of Pmax	[%/°C]	-0.43	

Electrical values measured at STC: 25°C, 1.5AM, 1000 W/m²

Mechanical Parameters

L - Length of Module (mm)	1490
W - Width of Module (mm)	665
H - Height of Module (mm)	35
X - Pitch Distance (mm)	632
Y- Pitch Distance (mm)	745
G - Grounding Hole (mm)	6 mm diameter on length side
Mounting Hole (mm)	4 oblong of size 9 mm x 11 mm
Junction Box	3 terminal junction box with 2 by-pass diodes

Panel Frontside



Panel Backside

