



180W MONOCRYSTALLINE SOLAR PANEL

An important part of your solar system

Key Features

Rust-proof aluminum frames, low-iron glass panels, and efficient solar modules are all key parts of your off-grid solar system.

Use it for your RV/ Van / Truck/ Trailer, the monocrystalline panel provides you with the most efficiency per space.



High output efficiency



Easy to install and use



Excellent waterproof grade



25-year transferable power output warranty



5-year material and workmanship warranty



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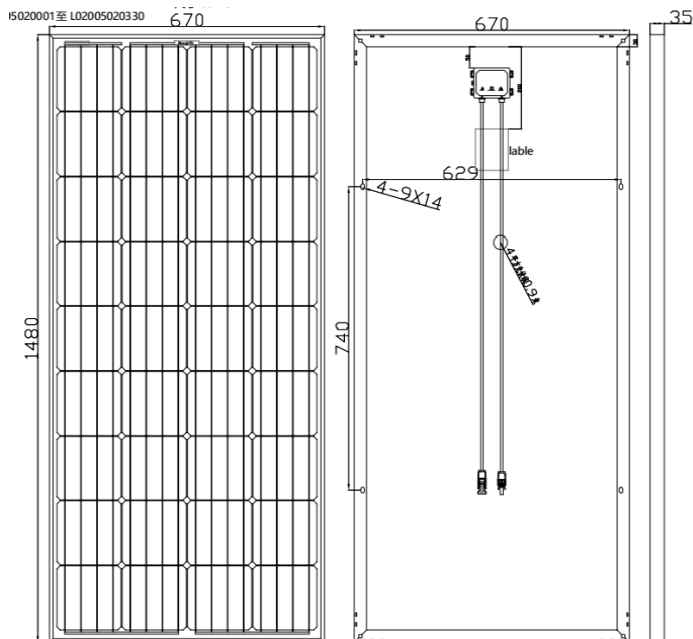
Electrical Data

Peak power Pm(W)	180±5%
Open circuit voltage Voc(V)	21.6±5%
Max.power voltage Vmp(V)	18±5%
Max.power current Imp(A)	10±5%
Short circuit current Isc(A)	11±5%
Solar cells Efficiency	21%±0.5%
Max.system voltage(V)	1000V DC

Mechanical Data

solar cell	Monocrystalline
No.of cells and connections	36PCS series connection (4*9PCS)
Dimensions	26.38*58.27*.38 in
Net Weight	24LB
Frame(material/collor)	Silver aluminum frame

Module Diagram



Thermal Characteristics

NOCT	48±2 C
Operating temperature limits	-20 C ~ +75 C
Coefficient current TK	0.1%/C
Coefficient voltage TK	-0.37%/C
Coefficient power TK	-0.45%/C

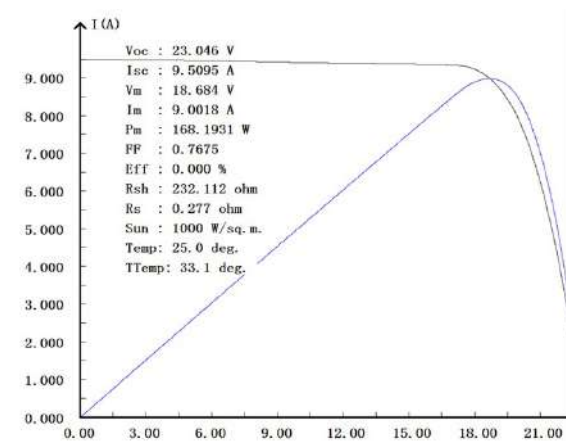
Others

Lamination	Tempered glass laminate
Front cover	Tempered glass/3.2mm
Encapsulant	EVA
Junction box model/size	3.98*3.35*0.83 in
Cable	13FT+MC4 connectors
Max.static load ,front	2400Pa
Max.static load ,back	2400Pa
Max.hailstone impact	25mm/23m/s
Application Class	Class A

Certifications



IV-Curve



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