

SP200W-18V/36V POLYCRYSTALLINE

Key features:



PID Free Module:

Anti-PID cell and encapsulation technology
Prevents module requires no module grounding which may PID



Higher Lifetime Power Yield:

+0.1% annual power degradation
30 year linear power warranty



Saving BOS Cost:

Designed for high voltage systems of up to 1000 VDC saving BOS cost



Improved Durability and Reliability:

Strong glass reduces micro-cracking, lead frame, connectors covered by moisture, sand, salt mist, acid, alkali, etc.



Less Maintenance Requirement:

Reduced soiling and snow coverage requires less maintenance and enhances fire safety



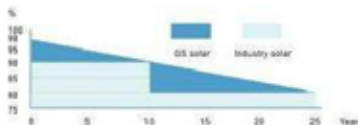
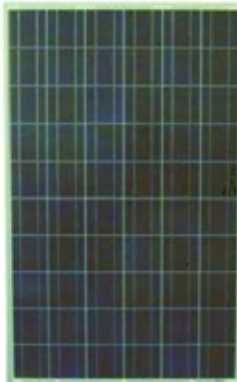
Aesthetically Pleasing Design:

White back sheet maximizes module efficiency up to 18.84% (IEC poly max. output 270W). Transparent back sheet minimizes light transmission, ideal for installation in requiring light to pass through



Strengthened Mechanical Support:

640 Pa snow load, 640 Pa wind load



Module Models

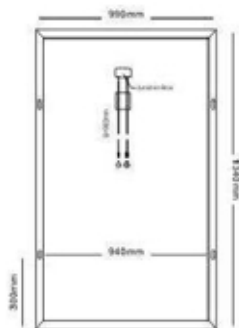
Electrical Specifications

Model	SP200W-18V/36V
Peak power(P _{max})	200W
Cell Efficiency	16.93%
Max. power volt. (V _{mp})	35.8V
Max. power current(I _{mp})	5.59A
Open circuit volt. (V _{oc})	44V
Short circuit current(I _{sc})	6.08A
Power Tolerance	±3%
Max. system voltage	1000V
Series fuse rating(A)	10
Number of bypass diode	6
Operating temperature	-4°C to +85°C
Maximum system voltage	1000V DC

STC irradiance 1000W/m², Module temperature 25°C, AM^{1.5}

Mechanical Characteristics

Dimensions	1340*990*35mm
Weight	13.5kg
Solar Cells	72 cell in series
Cable	LAPP (4mm ²)
lengths	900mm(-) and 900mm(+)
Connector	Mc4 Plug Type
Glass type	High transmits, Low Iron, 3.2mm Tempered Glass
Frame	Aluminum-alloy



Module Diagram