

SP200W-18V/36V

MONO & POLYCRYSTALLINE

Key features:



PID Free Module:
Anti-PID cell and encapsulation technology
Frameless module requires no module grounding which may PID



Higher Lifetime Power Yield:
+0.5% annual power degradation
30 year linear power warranty



Saving BOS Cost:
Designed for high voltage systems of up to 1500 VDC, saving BOS cost



Improved Durability and Reliability:
Dual glass reduces micro-cracking, small trails, emissions caused by moisture, sand, salt mist, acid, alkali, etc.



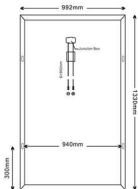
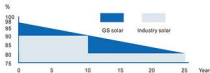
Less Maintenance Requirement:
Reduced soiling and snow coverage requires less maintenance and enhances fire safety



Aesthetically Pleasing Design:
White back sheet maximizes module efficiency up to 18.84%/0.01% per year max. output (2700h); Transparent back sheet increases light transmission, ideal for installations requiring light to pass through.



Strengthened Mechanical Support:
9400 Pa snow load, 2400 Pa wind load



Module Diagram

Module Models

Electrical Specifications

Model	SP200W-18V/36V
Peak power(Pmax)	200W
Cell Efficiency	17.65%
Max. power volt.(Vmp)	17.8V/ 36V
Max. power current(Imp)	11.24A/ 5.56A
Open circuit volt.(Voc)	21.8V/ 43.2V
Short circuit current(Isc)	12.93A/ 6.12A
Power Tolerance	±3%
Max. system voltage	1000V
Series fuse rating(A)	15
Number of bypass diode	6
Operating temperature	-40°C to + 85°C
Maximum system voltage	1000V DC

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

Mechanical Characteristics

Dimensions	1330*992*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	Aluminium-alloy