

## SP200W-18V/36V MONOCRYSTALLINE

### Key features:



#### PID Free Module:

Anti-PID cell and encapsulation technology  
Prevents module to experience module grounding which may PID



#### Higher Lifetime Power Yield:

+1.5% annual power degradation  
30 year linear power warranty



#### Saving BOS Cost:

Designed for high voltage systems up to 1500 VDC saving BOS cost.



#### Improved Durability and Reliability:

Dual glass reduces micro-cracking, scratches, corrosion caused by moisture, salt, soil dust, acid, alkali, etc.



#### Less Maintenance Requirement:

Reduced soiling and snow coverage requires less maintenance and enhances the safety.



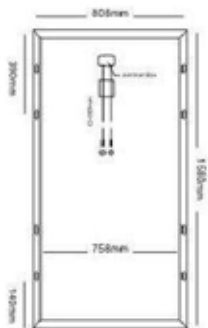
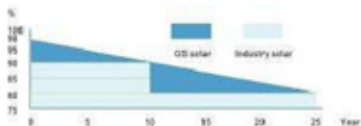
#### Aesthetically Pleasing Design:

White back sheet maximizes module efficiency up to 16.34% (60 only max. output 210W). Transparent back sheet increases light transmission, ideal for installations requiring light to pass through.



#### Strengthened Mechanical Support:

3400 Pa snow load, 2400 Pa wind load



Module Diagram

## Module Models

### Electrical Specifications

Model	SP200W-18V/36V
Peak power(Pmax)	200W
Cell Efficiency	16.93%
Max. power volt.(Vmp)	35.8V
Max. power current(Imp)	5.59A
Open circuit volt.(Voc)	44V
Short circuit current(Isc)	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/m <sup>2</sup> , Module temperature 25°C, AM+1.5	

### Mechanical Characteristics

Dimensions	1580*808*35mm
Weight	12.9kg
Solar Cells	72 cell in series
Cable	LAPP (4mm <sup>2</sup> )
lengths	900mm(-) and 900mm(+)
Connector	Mc4 Plug Type
Glass type	High Transmits, Low Iron, 3.2mm Tempered Glass
Frame	Aluminium-alloy