

SP330W-36V

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 1 year power warranty



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



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



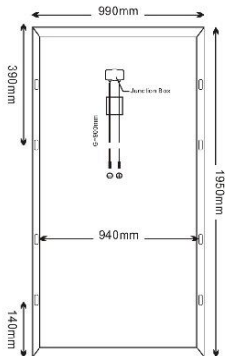
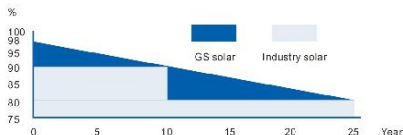
Less Maintenance Requirement:
Reduced soiling and snow coverage requires less maintenance and enhances fire safety



Aesthetically Pleasing Design:
White back sheet maximizes module efficiency up to 16.84% (cell-poly max. output 275W). Transparent back sheet increases light transmission, ideal for installations requiring light to pass through



Strengthened Mechanical Support:
5400 Pa snow load, 2400 Pa wind load



Module Diagram

Module Models

Electrical Specifications

| | |
|----------------------------|----------------|
| Model | SP330W-36V |
| Peak power(Pmax) | 330W |
| Cell Efficiency | 20.04% |
| Max. power volt.(Vmp) | 37.42V |
| Max. power current(Imp) | 8.82A |
| Open circuit volt.(Voc) | 46.7V |
| Short circuit current(Isc) | 9.36A |
| Power Tolerance | 0~+3% |
| Max. system voltage | 1000V |
| Series fuse rating(A) | 15 |
| Number of bypass diode | 3 |
| 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 | 1950*990*40mm |
| Weight | 21.8kg |
| 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 |