

SOLAR PANEL

SP200W-18V MONO CRYSTALLINE

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 1000 VDC, saving BOS cost



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



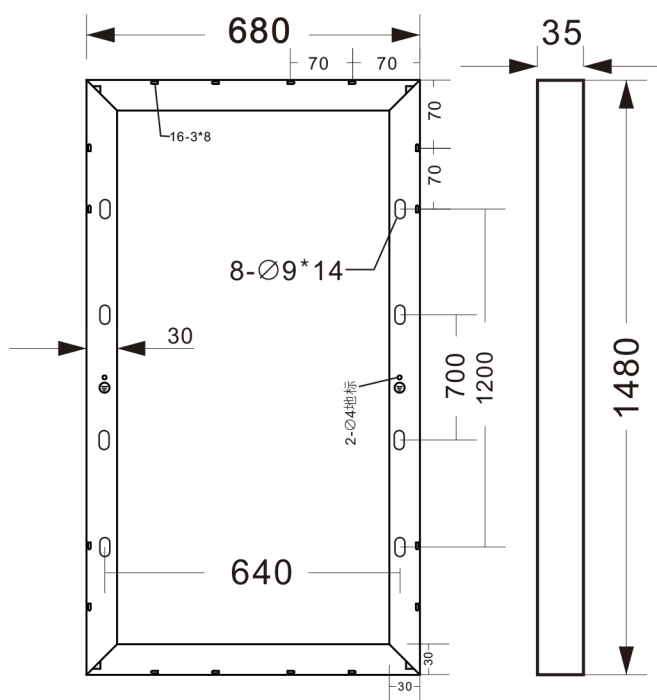
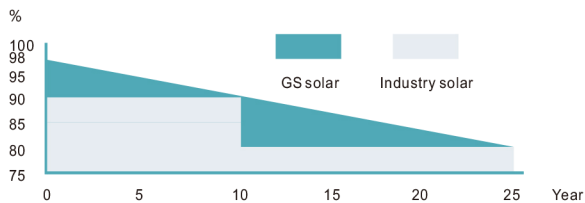
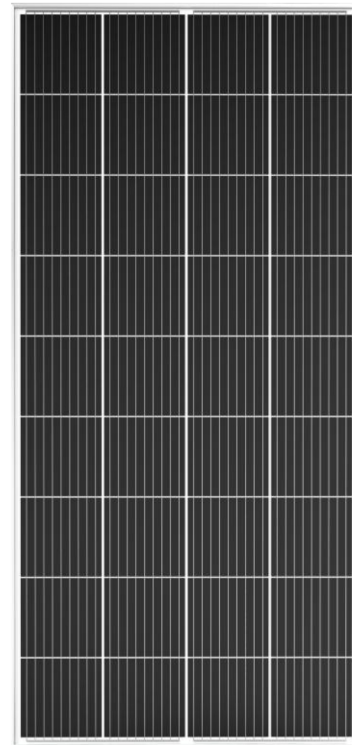
Less Maintenance Requirement:
Reduced soiling and snow coverage requires less maintenance and enhances fire safety



Aesthetically Pleasing Design:
white back sheet maximizes module efficiency up to 19.5%;
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 Models

Electrical Specifications

| Model | SP200W-18V |
|----------------------------|-----------------|
| Peak power(Pmax) | 200W |
| Cell Efficiency | 20% |
| Max. power volt.(Vmp) | 18V |
| Max. power current(Imp) | 11.2A |
| Open circuit volt.(Voc) | 21.5V |
| Short circuit current(Isc) | 11.76A |
| Power Tolerance | \pm 3% |
| Max. system voltage | 1000V |
| Series fuse rating(A) | 15 |
| Number of bypass diode | 2 |
| 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 | 1480*680*35mm |
| Weight | 11.7KG |
| Solar Cells | 36 cell in series |
| Cable | Copper (2.5mm ²) |
| lengths | 700mm (-) and 700mm(+) |
| Connector | Mc4 Plug Typs |
| Glass type | High transmits, Low Iron, 3.2mm Tempered Glass |
| Frame | Aluminium-alloy |