

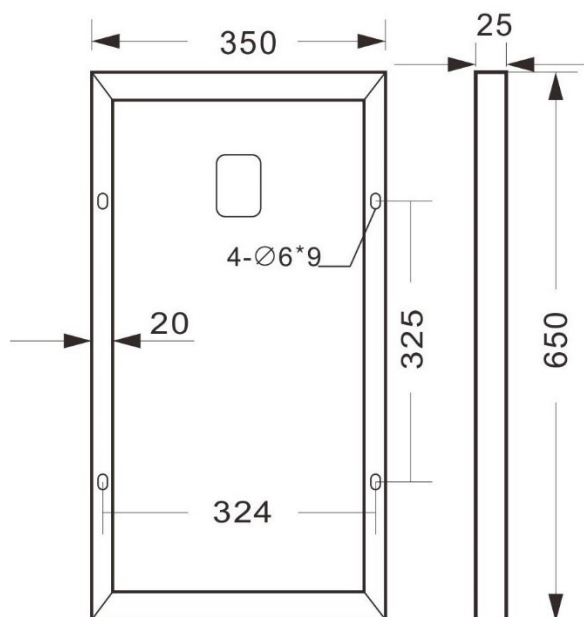
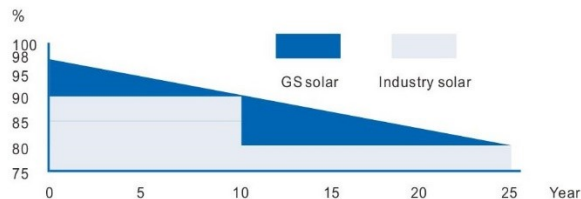
# SOLAR PANEL



## SP35W-18V MONO & POLYCRYSTALLINE

### Key features:

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**PID Free Module:**  
 Anti-PID cell and encapsulation technology  
 Frameless module requires no module grounding which may PID
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**Higher Lifetime Power Yield:**  
 <0.5% annual power degradation  
 30 year linear power warranty
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**Saving BOS Cost:**  
 Designed for high voltage systems of up to 1500 VDC, saving BOS cost
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**Improved Durability and Reliability:**  
 Dual glass reduces micro-cracking, snail trails, corrosions caused by moisture, sand, salt mist, acid, alkali, etc.
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**Less Maintenance Requirement:**  
 Reduced soiling and snow coverage requires less maintenance and enhances fire safety
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**Aesthetically Pleasing Design:**  
 white back sheet maximizes module efficiency up to 16.84%(60-poly max. output 275W); Transparent back sheet increases light transmission, ideal for installations requiring light to pass through
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**Strengthened Mechanical Support:**  
 5400 Pa snow load, 2400 Pa wind load



### Module Models

Electrical Specifications	
Model	SP35W-18V
Peak power(Pmax)	35W
Cell Efficiency	20%
Max. power volt.(Vmp)	17.8V
Max. power current(Imp)	1.97A
Open circuit volt.(Voc)	21.8V
Short circuit current(Isc)	2.14A
Power Tolerance	±3%
Max. system voltage	1000V
Series fuse rating(A)	15
Number of bypass diode	0
Operating temperature	-40°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	650*350*25mm
Weight	2.5kg
Solar Cells	36 cell in series
Cable	NO
lengths	NO
Connector	NO
Glass type	High transmits, Low Iron, 3.2mm Tempered Glass
Frame	Aluminium-alloy