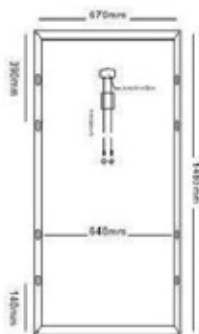
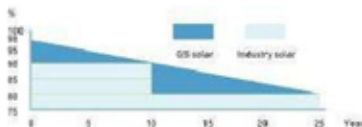


SP150W-18V MONO & POLYCRYSTALLINE

Key features:

-  **PID Free Module:**
Anti-PID cell and anti-sputtering technology. Provenance module requires no module grounding which may PID.
-  **Higher Lifetime Power Yield:**
+5.5% annual power degradation
30 year linear power warranty.
-  **Saving BOS Cost:**
Designed for high voltage systems up to 1500VDC saving BOS cost.
-  **Improved Durability and Reliability:**
Dual glass reduces micro-cracking, small cracks, corrosion caused by H₂O₂, NH₃, 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 16.8% (40% per sq. meter output (175W). Tempered back sheet increases light transmission, ideal for installations requiring light to pass through.
-  **Strengthened Mechanical Support:**
540 Pa snow load, 2400 Pa wind load.



Module Diagram

Module Models

Electrical Specifications

Model	SP150W-18V
Peak power(P _{max})	150W
Cell Efficiency	17.04%
Max. power volt.(V _{mp})	17.8V
Max. power current(I _{mp})	8.43A
Open circuit volt.(V _{oc})	21.8V
Short circuit current(I _{sc})	9.08A
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/m², Module temperature 25°C, AM+1.5

Mechanical Characteristics

Dimensions	1480*670*35mm
Weight	10.4kg
Solar Cells	36 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