

SATURN

Monocrystal PV Module Series

SS6-60HS 350~375M



9-busbar solar cell improves the efficiency of modules by decreasing the distance between busbars and finger grid line



Gallium-doped silicon cell technology makes PV module first year power degradation <2%



Half-cut cell technology to reduce hot spot risk



Optimized electrical design with lower operating current improves shading response



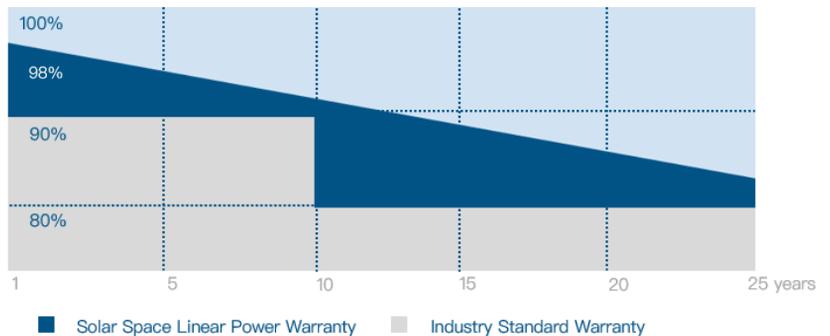
Advance Glass And Cell Surface Textured Design Ensure Excellent Performance In Low-light Environment.

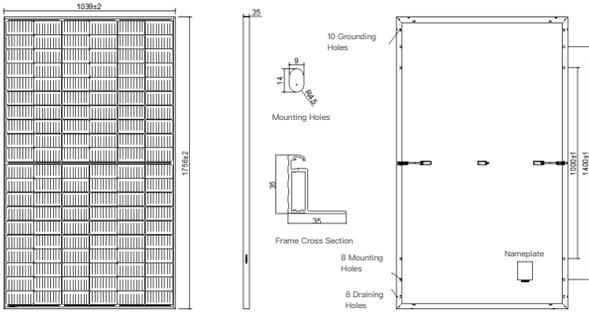


Severe weather resilience: certified to withstand wind load (2400 pascal) and snow load (5400 pascal)

25-YEAR LINEAR PERFORMANCE WARRANTY

- 12-year product warranty
- 25-year linear output power warranty





Cell Type
Mono PERC 166*166mm

Weight
20±3kg

Dimensions
1756±2mmX1039±2mmX35±1mm

Output Cable
4mm² (IEC) 12AWG (UL)
Length Customizable

No. of Half-cells
120 (6X20)

Junction Box
IP 68, 3 diodes

Packaging
31 pcs/pallet, 806 pcs/40' HQ Container

Maximum System Voltage
1000V/1500V DC

Operational Temperature
-40°C~+85°C

Maximum Series Fuse Rating
20A

Front Side Maximum Static Loading
5400Pa(112lb/ft²)

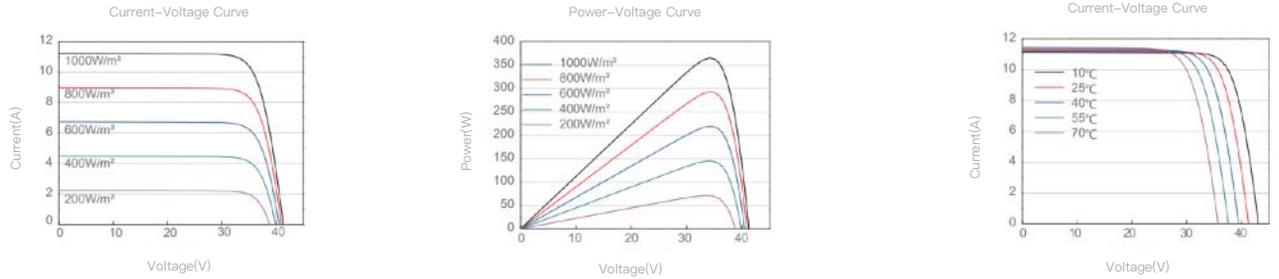
Rear Side Maximum Static Loading
2400Pa(50lb/ft²)

Nominal Operation Cell Temperature
45±2°C

Safety Protection Class
Class II

Fire Rating
UL Type 1

I-V CURVE



SPECIFICATIONS

Model Type	SS6-60HS 350M		SS6-60HS 355M		SS6-60HS 360M		SS6-60HS 365M		SS6-60HS 370M		SS6-60HS 375M	
Testing Condition	STC	NOCT										
Maximum Power (Pmax/W)	350	265	355	270	360	275	365	280	370	285	375	290
Open Circuit Voltage (Voc/V)	40.64	37.95	40.80	38.17	40.97	38.38	41.13	38.65	41.30	38.70	41.45	38.95
Voltage at Maximum Power (Vmp/V)	33.32	30.92	33.34	31.13	33.65	31.34	33.96	31.61	34.23	31.70	34.50	31.98
Short Circuit Current (Isc/A)	11.15	9.11	11.20	9.18	11.25	9.29	11.30	9.37	11.35	9.60	11.41	9.66
Current at Maximum Power (Imp/A)	10.50	8.57	10.65	8.67	10.70	8.77	10.75	8.86	10.81	9.01	10.87	9.07
Module Efficiency (%)	19.18%		19.46%		19.73%		20.01%		20.28%		20.55%	
Power Tolerance	0~+5W											
Temperature Coefficient of a_Isc	+0.044%/°C											
Temperature Coefficient of 3_Voc	-0.272%/°C											
Temperature Coefficient of γ_Pmax	-0.350%/°C											

STC: Irradiance 1000W/m² Cell Temperature 25°C AM 1.5G

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM 1.5G Wind Speed 1m/s

Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. Solar Space have the sole right to make such modification at anytime without further notice; Demanding party shall request for the latest datasheet for such as contract need and make it a consisting and binding part of lawful documentation duly signed by both parties.