

# 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



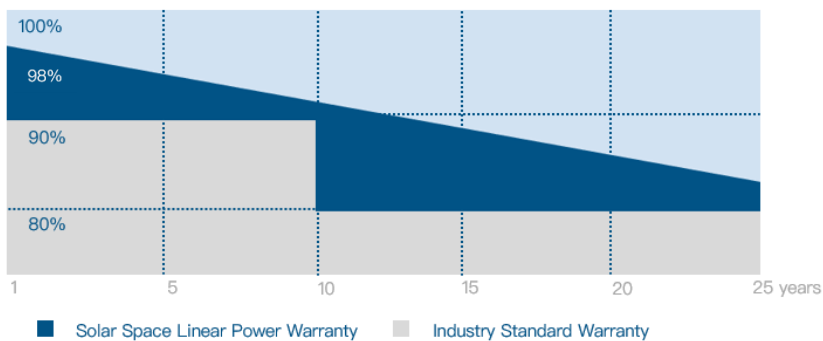
Advance Glass And Cell Surface Textured Design Ensure Excellent Performance In Low-light Environment.

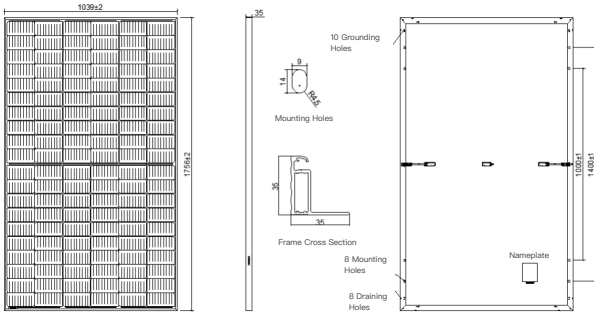


Severe weather resilience: certified to withstand wind load (2400 pascal) and snow load (5400 pascal)

## 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**  
4mm<sup>2</sup> (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/ft<sup>2</sup>)

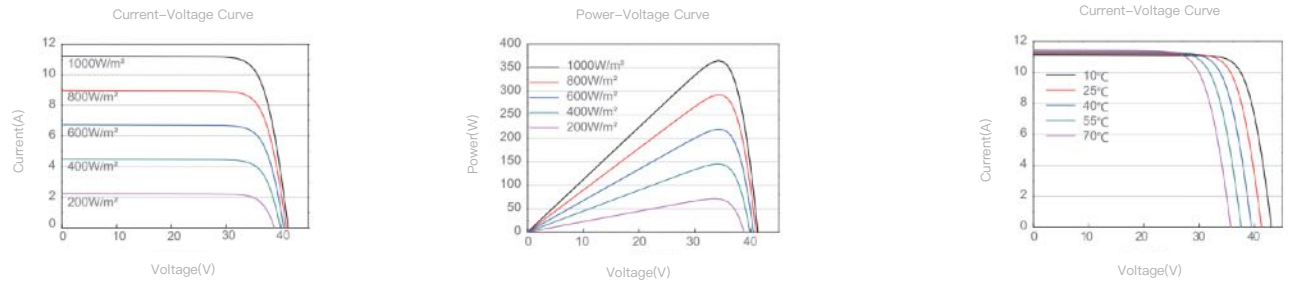
**Rear Side Maximum Static Loading**  
2400Pa(50lb/ft<sup>2</sup>)

**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	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	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 β_Voc	−0.272%/°C											
Temperature Coefficient of γ_Pmax	−0.350%/°C											

STC: Irradiance 1000W/m<sup>2</sup> Cell Temperature 25°C AM 1.5G

NOCT: Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C AM 1.5G Wind Speed 1m/s