



SunPlus High-efficiency PERC Module



330W

◆ KEY FEATURES



High Reliability

3 times IEC's new standard testing, a 12-year material warranty and a 25-year power warranty to ensure high reliability.



Anti-PID

By utilizing advanced cell production technology and rigorous materials control, the attenuation caused by PID can be minimized.



Low Risk of Micro-cracks

Lower the risk of micro-cracking and broken busbar due to MBB cells.



Load Capacity

2400 Pa wind load and 5400 Pa snow load.



Excellent Low-light Performance

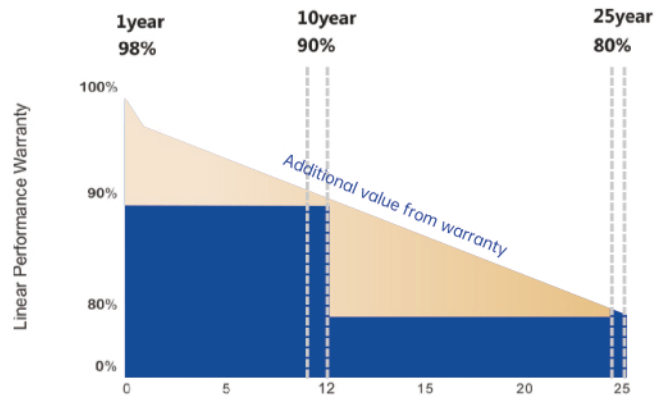
Higher power output under weak light conditions such as haze and cloudy weather.

◆ PRODUCT CERTIFICATION

- Through various long-term reliability tests
- EL testing before and after lamination to ensure the reliability.
- Adhering to strict international standard management systems ISO 9001, ISO 14001 and OHSAS 18001
- Passing various rigorous environmental tests (salt spray, ammonia, and dust-proof testing such as IEC 61701, IEC 62716, DIN EN 60068-2-68)



◆ WARRANTY



SP-M6/60H-330W

ELECTRICAL CHARACTERISTICS (STC)

Maximum Power (Pm)	W	330
Power Tolerance	W	0 ~ +5W
Maximum Power Voltage (Vm)	V	31.80
Maximum Power Current (Im)	A	10.4
Open Circuit Voltage (Voc)	V	37.80
Short Circuit Current (Isc)	A	10.98

STC:AM=1.5, irradiance=1000W/m², module temperature=25°C

ELECTRICAL CHARACTERISTICS (NOCT)

Maximum Power (Pm)	W	330
Maximum Power Voltage (Vm)	V	30.00
Maximum Power Current (Im)	A	8.82
Open Circuit Voltage (Voc)	V	36.01
Short Circuit Current (Isc)	A	9.35

NMOT: irradiance=800W/m², environment temperature=20°C, wind speed=1m/s

MECHANICAL SPECIFICATIONS

External Dimension	1640m×990m×35mm
Solar Cells	60cell in series
Glass	3.2mm High Transmission AR Coated Strengthened Glass
Junction Box	IP67
Output Cables	2.5mm ² symmetrical lengths 900mm
Connector	MC4 Compatible
Cell type	Mono-crystalline PERC 158.75

APPLICATION CONDITIONS

Standard tests	IEC 61215, IEC 61730, IEC 61701, IEC 62716, PPP 58042B
System certs	ISO 9001
Certifications	CE
Extreme wind and snow loads testing	Withstand extreme wind(2400 Pascal) and snowloads(5400 Pascal)
Power tolerance	0~+3%
Warranties	10 years products warranty and 25 years 80% of power

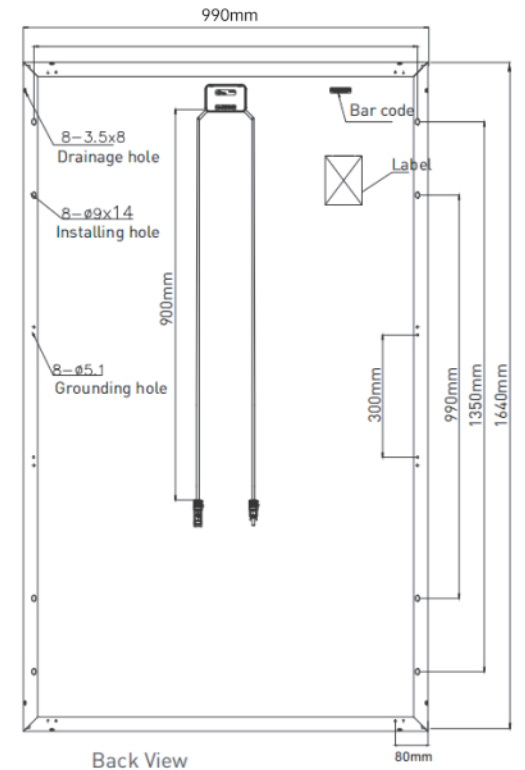
TEMP CHARACTERISTICS

Nominal Module Operating Temperature	44±2°C
Temperature Coefficient of Power	0.05%/C
Temperature Coefficient of Voltage	-0.29%/C
Temperature Coefficient of Current	-0.34%/C

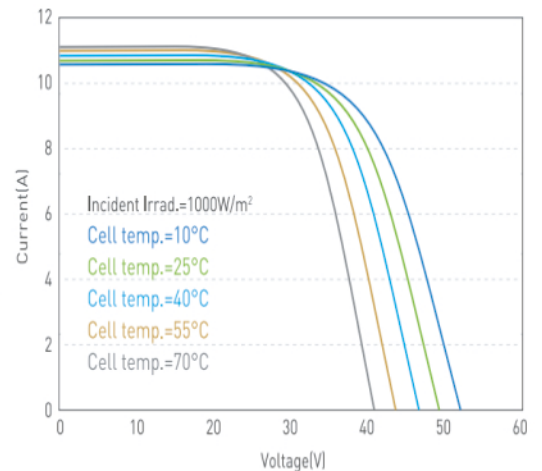
PACKING CONFIGURATION

Pieces per Pallet	30
Pieces per 40'HC	840

TECHNICAL DRAWING



I-V CURVE



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