

High Reliability, Production Efficiency and High Power Output

SAKURA mono solar cell modules have higher reliability. The highest power output can be 350W. They have excellent performance even under the low - temperature or low - light environment. We promise to provide high-efficiency, high power output Mono-crystalline silicon products, thus guarantee the return on investment.

Positive Power Tolerance

0~+5W positive tolerance of maximal power guaranteed.

High Conversion Efficiency

The highest efficiency up to 18.06%.

Excellent performance in Low irradiance

Outstanding power output in low irradiance conditions, such as dawn, dust and no-sun days.

Anti-PID

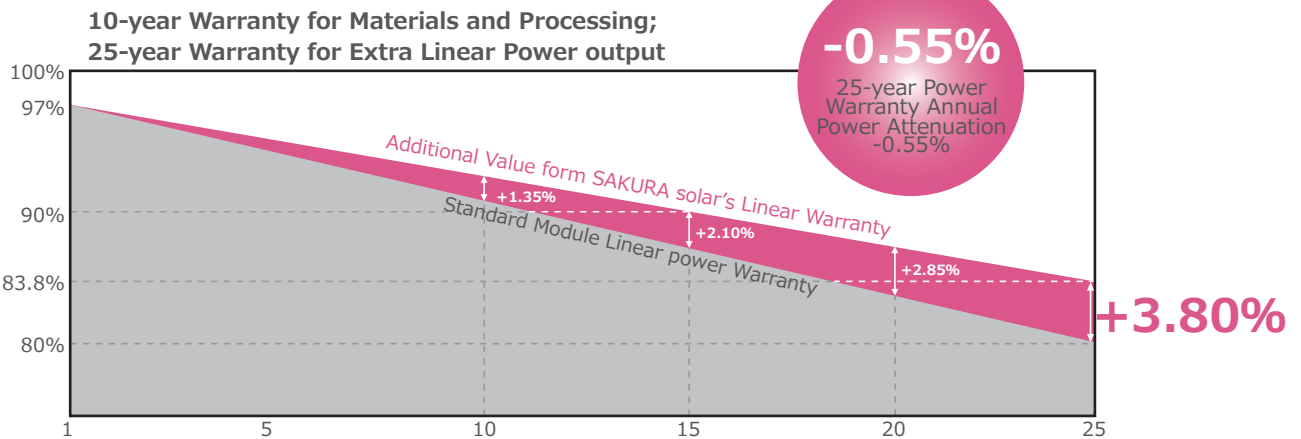
Anti-PID techniques of processing solar cells and encapsulating modules applied; adaptable for the installation in hot and highly humid areas.

Adaptability to the Harsh Environments

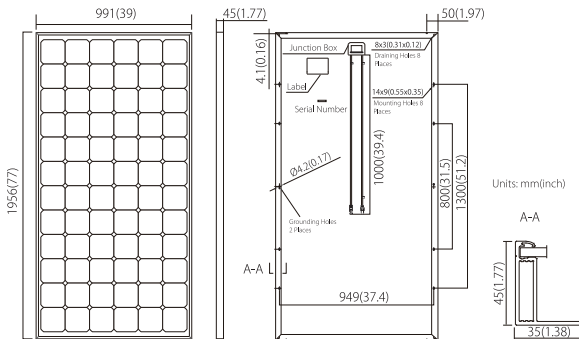
Excellent anti salt mist and anti-ammonia capability and is adaptable to the harsh environments, such as seaside and farms.

Super Robust Frame, 45mm Thickness

Good pressure resistance and able to bear 2400Pa wind load and 5400Pa snow load.



Mechanical Detail (mm)



Mechanical Parameters

Number of Cells: 72 (6×12)

Output Cable: 4mm², 1000mm in length

Connector: MC4 or compatible with MC4

Weight: 26.5kg

Dimension: 1956×991×45mm

Operating Parameters

Operating Temperature: -40°C~+85°C

Maximum System Voltage(V): DC1000V(IEC)

NOCT: 45°C±2°C

Electrical Characteristics

Type	SK-72-320M	SK-72-325M	SK-72-330M	SK-72-335M	SK-72-340M	SK-72-345M	SK-72-350M
Testing Condition	STC	STC	STC	STC	STC	STC	STC
Maximum Power(Pmax/W)	320	325	330	335	340	345	350
Open Circuit Voltage(Voc/V)	44.44	44.50	44.56	45.62	45.68	45.74	45.80
Short Circuit Current(Isc/A)	9.265	9.298	9.337	9.453	9.581	9.699	9.821
Voltage at Maximum Power(Vmp/V)	37.00	37.07	37.14	37.21	37.28	37.35	37.42
Current at Maximum Power(Impp/A)	8.657	8.773	8.889	9.005	9.121	9.237	9.353
Module Efficiency(%)	16.51	16.77	17.02	17.28	17.54	17.80	18.06

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5

Temp.Coefficient (STC Testing)

Temperature Coefficient of Voc -0.330%/°C

Temperature Coefficient of Pmax -0.410%/°C

Load

Maximum Front Static Load (Snow) 5400Pa

Maximum Rear Static Load (Wind) 2400Pa

I-V Curve

