

sunvcmco

SV1-72HPH

530~560W

- Ideal choice for large scale ground installation
- Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free
- Special cutting and soldering technology leads to low hotspot risk
- Sand blowing test, salt mist test and ammonia test passed to endure harsh environments
- Optimized system performance due to module level current sorting



Deliver Reliable Performance Over Time

- manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard:ISO9001:2015, ISO14001:2015 and OHSAS:18001 2007
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2- 68)
- Long term reliability tests
- 2x100% EL inspection ensuring defect-free modules

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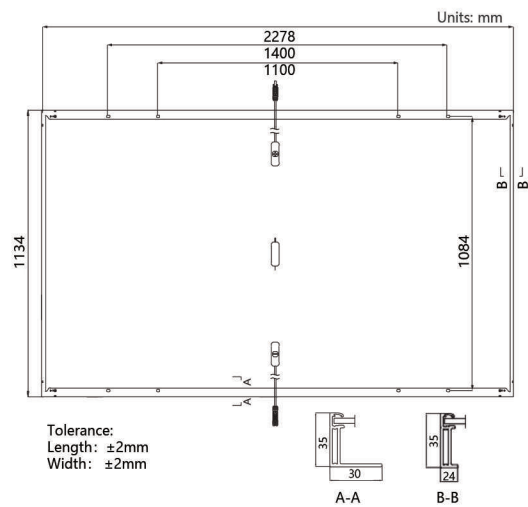
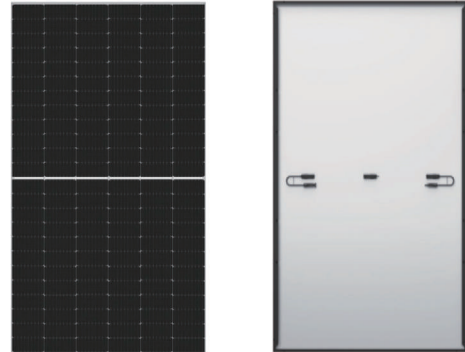
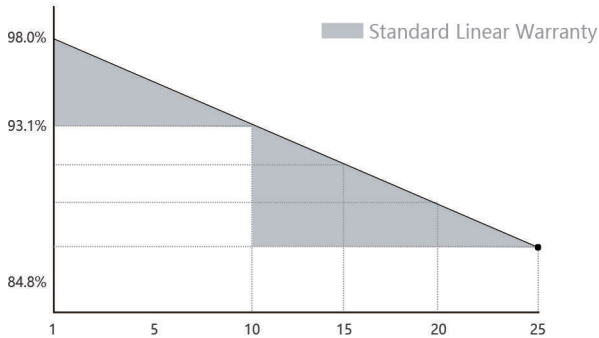
21.4%
MAX MODULE
EFFICIENCY

0~+5W
POWER OUTPUT
GUARANTEE

560w
MAXIMUM POWER
OUTPUT

Linear Performance Warranty

12 Years Product Warranty 25 Year Power Warranty



Mechanical Parameters

Cell Orientation	144 (6 X 24)
Junction Box	IP68 Rated
Output Cable	4mm ² (0.006 inches ²), 300mm(11.8 inches) length can be customized
Glass	High transparency solar glass 3.2mm(0.13 inches)
Frame	Silver, anodized aluminums alloy
Weight	27.2kg
Dimension	2278X 1134X 35mm
Packaging	31pcs per pallet / 620 pcs per 40' HC

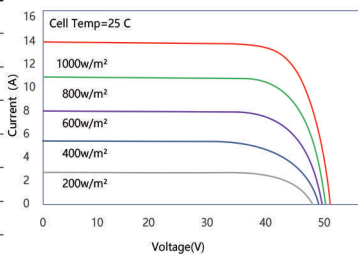
Electrical Characteristics Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Module Type	SV1-72HPH-530W	SV1-72HPH-535W	SV1-72HPH-540W	SV1-72HPH-545W	SV1-72HPH-560W
Testing Condition	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	530	535	540	545	550
Open Circuit Voltage (Voc/V)	49.26	49.34	49.42	49.52	49.62
Short Circuit Current (Isc/A)	13.71	13.79	13.85	13.94	14.03
Voltage at Maximum Power (Vmp/V)	40.56	40.63	40.70	40.80	40.90
Current at Maximum Power (Imp/A)	13.07	13.17	13.27	13.36	13.45
Module Efficiency(No)	20.6	20.8	21.0	21.2	21.4

Operating Parameters

Operational Temperature	-40°C - +85°C
Power Output Tolerance	0 - 3%
Vac and Isc Tolerance	±3%
Maximum System Voltage	1500V DC-(H)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	44±2°C
Protection Class	Class II

I-V Curve at Different Temperature (530W)



I-V/P-V Curve at Different Irradiation (530W)

