

Jinri6N

700-720W

SE6-66H

N-type TOPCon
Solar Module



23.2%

Max. Module Efficiency

10-30% Additional Power Generation

30 years lifespan brings 10-30% additional power generation comparing with conventional P-type module.

ZERO LID (Light Induced Degradation)

N-type solar cell has no LID naturally which can increase power generation.

Higher Reliability

Adopted SunEvo latest S-TOPCo 2.0 technology, No polysilicon wrap around, Full electrical isolation, Zero leakage current; Much Safer for roof.

Better Weak Illumination Response

Higher power output even under low-light environments like on cloudy or foggy days.

Better Temperature Coefficient

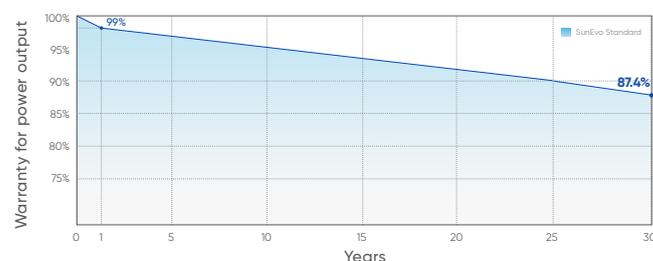
Higher power generation under working conditions, thanks to passivating contact cell technology.

Quality Management System and Product Certification

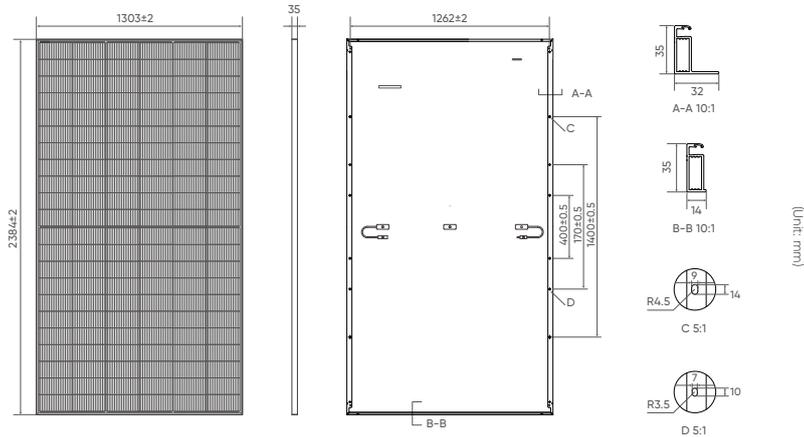
IEC61215/61730, IEC62804(PID), IEC61701(Salt),
IEC62716 (Ammonia), IEC60068-2-68(Sand),
ISO 9001:2015/quality management system,
ISO 14001:2015/environmental management system,
ISO 45001:2018/occupation health safety management system,
ISO 50001:2011/energy management system,
IEC TS 62941-2016/PV industry quality management system.

Quality Guarantee

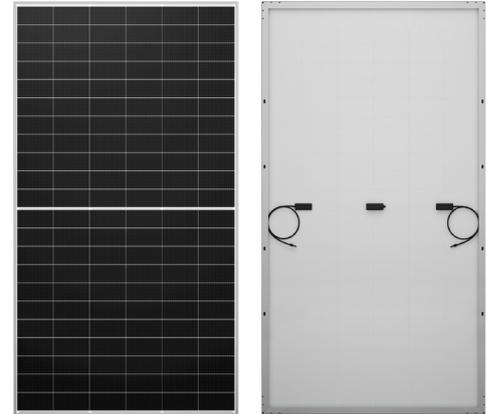
12 year Materials Warranty **30 year** Power Warranty



Drawings



Product Image



Mechanical Characteristics

Cells	N Type Monocrystalline Cell
Cell Orientation	132[6×22]
Dimension	2384±2 × 1303±2 × 35mm
Weight	32.1kg
Front Glass	3.2mm high transmittance, AR coated tempered glass
Frame	Anodized aluminum alloy frame
Junction Box	IP68, 3 diodes
Output Cable	4.0mm ²
Cable Length	+400mm,-200mm, or ±1400mm, length can be customized
Wind/Snow Load	2400Pa/5400Pa
Packaging	31pcs per pallet, 558pcs per 40'HC

Temperature Parameters

Temperature Coefficient (Pmax)	-0.28%/°C
Temperature Coefficient (Voc)	-0.24%/°C
Temperature Coefficient (Isc)	+0.046%/°C
NMOT	45±2°C

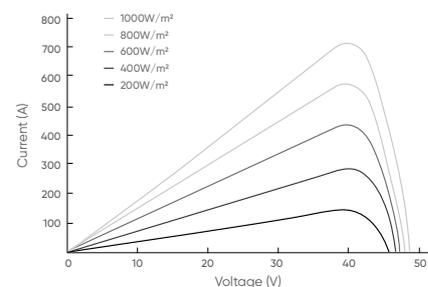
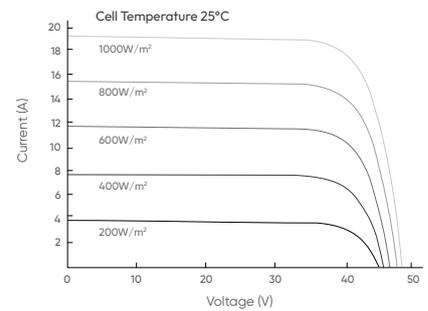
Maximum Ratings

Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	30A
Power Output Tolerance	0~+3%

Electrical Parameters (STC*)

Module Type: SE6-66H	700	705	710	715	720
Maximum Power: Pmax [W]	700	705	710	715	720
Open Circuit Voltage: Voc [V]	48.10	48.75	48.92	49.09	49.27
Short Circuit Current: Isc [A]	18.44	18.46	18.48	18.50	18.54
Voltage at Maximum Power: Vmp [V]	40.30	40.45	40.62	40.79	40.96
Current at Maximum Power: Imp [A]	17.38	17.43	17.48	17.53	17.58
Module Efficiency: η(%)	22.5	22.7	22.9	23.0	23.2

I-V Curve



Electrical Parameters (NMOT*)

Maximum Power: Pmax [W]	526	530	537	538	541
Open Circuit Voltage: Voc [V]	45.70	46.31	46.47	46.64	46.81
Short Circuit Current: Isc [A]	14.89	14.90	14.92	14.94	14.97
Voltage at Maximum Power: Vmp [V]	37.50	37.67	37.85	38.03	38.13
Current at Maximum Power: Imp [A]	14.03	14.07	14.11	14.15	14.19

1. Standard Test Conditions [STC]: irradiance 1000W/m²; AM 1.5; ambient temperature 25°C according to EN 60904-3;
 2. Nominal Module Operating Temperature (NMOT): Irradiance 800W/m²; wind speed 1m/s, ambient temperature 20°C.
 3. Tolerance of Pm: 0~+5W, Measuring uncertainty of power: ±3%. Performance deviation of Voc [V], Isc [A], Vm [V] and Im [A]: ±3%.