

HISEER6N

SH21R-264H-D 650-670W

650-670W / Max. Power Output

2382*1134mm / Size

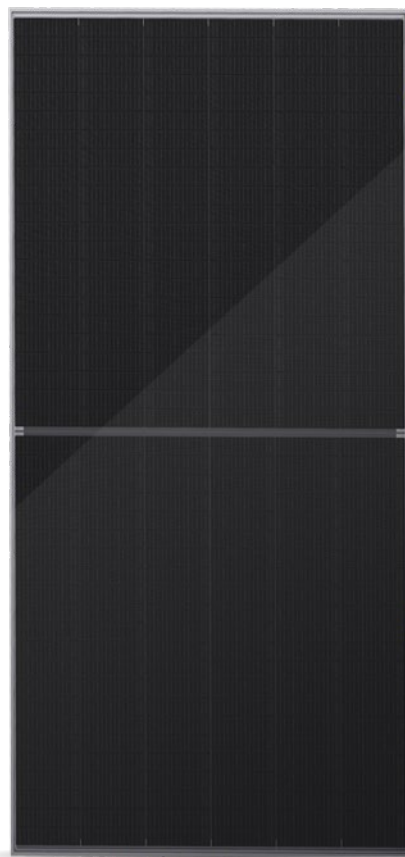
24.80% / Module Efficiency

30

30-year linear power output warranty with over-performance.

25

25-year product material and workmanship warranty.



Product Advantages



Higher front-side power output

Built on the enhanced N-type TOPCon platform, this module delivers higher front-side power output through advanced technology and optimized design, capturing more sunlight for greater energy yield.



Excellent thermal performance

With advanced pattern design, optimized busbar configuration, and multi-split cell technology, the module achieves comprehensively improved temperature coefficients.



Excellent low-light performance

With an optimized cell structure, the module maintains outstanding performance even under low-light conditions.



Industry-leading warranty commitment

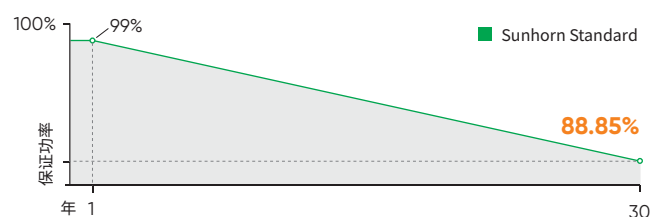
Advanced metallization processes and next-generation encapsulation technology endow the module with excellent resistance to PID, LID/eTID, and UV degradation, ensuring long-term stable power generation with greater peace of mind.



Reliable load performance

The module has passed the static load test with a maximum positive load of 5400Pa and a maximum negative load of 2400Pa.

Power Output Warranty



1% first-year degradation, 0.35% annual power degradation thereafter.

Quality System & Certifications

IEC61215(2016) / IEC61730(2018)

IEC61701 / IEC62716 / IEC60068

ISO9001:2015 / ISO14001:2015 / ISO45001:2018

*As certification requirements vary by market, please consult the SUNHORN sales department for the appropriate certifications.



NOTE: Please read the safety and installation instructions before using this product.

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Electrical Characteristics (STC)

Maximum Power (Pmax)	650	655	660	665	670
Maximum Power Voltage (Vmp)	42.57	42.70	42.83	42.96	42.09
Maximum Power Current (Imp)	15.27	15.34	15.41	15.48	15.55
Open-circuit Voltage (Voc)	50.26	50.44	50.62	50.80	50.98
Short-circuit Current (Isc)	15.98	16.04	16.10	16.16	16.22
Module Efficiency [%]	24.06	24.25	24.43	24.62	24.80
Measuring tolerance [%]	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%

Measured under Standard Test Conditions (STC): AM1.5, 1000 W/m², cell temperature 25°C.

Electrical Characteristics(BNPI)

Maximum Power (Pmax)	724	729	735	741	746
Maximum Power Voltage (Vmp)	42.52	42.69	42.86	43.03	43.20
Maximum Power Current (Imp)	17.04	17.10	17.17	17.23	17.30
Open-circuit Voltage (Voc)	50.38	50.56	50.74	50.92	51.10
Short-circuit Current (Isc)	17.80	17.87	17.94	18.00	18.07

BNPI: Irradiance: Front 1000W/m², Rear 135W/m², Cell Temperature 25°C, AM=1.5

Mechanical Data

Module Dimensions	2382x1134x30 mm
Solar Cells	N-type Mono-crystalline
No. of Cells	264(66x4)
Glass	2*2.0mm,Strengthened Glass
Frame	Anodized Aluminium Alloy
Encapsulant Material	EPE/EVA
J-Box	IP68
Connector	JK03M/JK03M2/Others
Output Cable	4.0mm ² (+):600mm, (-):400mm or Customized Length
Weight	32.5 kg

MC4-EVO2 available upon request and subject to availability

Operating Data

Operational Temperature	-40°C~+70°C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35A
Bifacility	80±5%

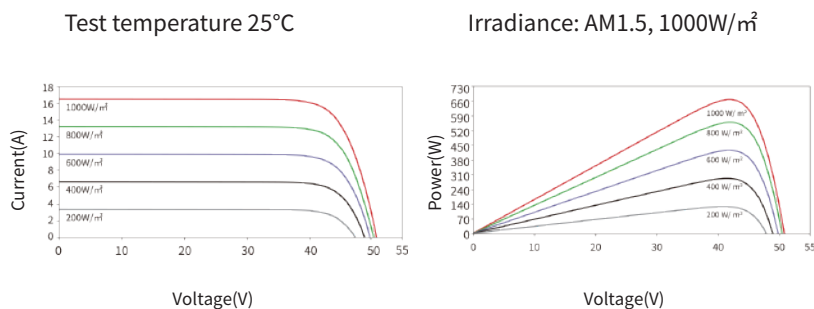
Temperature Ratings

Nominal operating cell temperature	45°C(±2°C)
Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.046%/°C

Packaging

Pallet Dimensions	2396x1110x1251mm
Information	36 pcs/pallet, 72 pcs/stack, 720 pcs/ 40'HQ Container

IV Curve and PV Curve



Structural Diagram(mm)

