

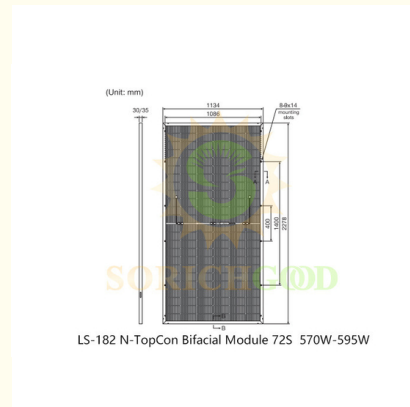


570W 182 N-TopCon Bifacial Module 72S High Performance Mono PV Solar Panels

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: IEC 61215/IEC 61730/ISO 9001/ISO 14001/ISO 45001
- Model Number: NB570
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Power Range: 570W ~ 595W
- Maximum Efficiency: 23.03%
- Temperature Coefficient (Pmax): -0.30%
- Module Dimensions: 2278×1134×30/35mm
- Weight: 32.3kg (35mm) / 31.4kg (30mm)
- Junction Box: IP68 Rated
- Operating Temperature Range: -40°C ~ +85°C
- Maximum System Voltage: 1500V DC
- Highlight: **570W pv bifacial module,**
595W pv bifacial module, IP68 module bifacial

Product Description

570W 182 N-TopCon Bifacial Module 72S High-Performance Monocrystalline Silicon Panels

182 N-TopCon Bifacial Module 72S



Power Range

570W ~ 595W



Power Output Tolerance

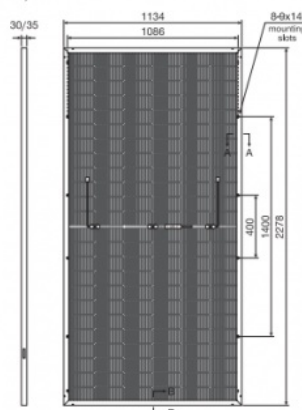
0W ~ +5W



Maximum Efficiency

23.03%

(Unit: mm)



Product Description:

The 182 N-TopCon Bifacial Module 72S delivers exceptional power output, ranging from 570W to 595W, with an impressive module efficiency of up to 23.03%. This module is built using advanced 183.75R N-TopCon Mono Cells in a 144-cell (6x24) configuration, ensuring high performance and durability. The front glass is a 2.0mm highly transparent tempered glass with an anti-reflective coating, providing enhanced energy conversion efficiency. The anodized aluminum alloy frame adds structural integrity, while the IP68-rated junction box guarantees protection against environmental elements.

Max.Power Current	Imp(A)	13.43	13.50	13.57	13.64	13.71	13.78
Open Circuit Voltage	Voc(V)	51.03	51.23	51.43	51.63	51.83	52.03
Short Circuit Current	Isc(A)	14.21	14.27	14.33	14.39	14.45	14.51
Module Efficiency	(%)	22.07	22.26	22.45	22.65	22.84	23.03
Power Output Tolerance	(W)	0~+5W					

*STC:Irradiance 1000W/m²,Cell Temperature25°C,Air Mass AM1.5.

*Power measurement tolerance ±3%.

Electrical Performance Parameters |NMOT

Model Type		570CHB D) 72S(182)	575C(H BD) 72S(182)	580C (HBD BD 72S(182)	585C(H BD 72S(182)	590C(H BD 72S(182)	595C(H BD) 72S(182)
Nominal Max.Power	Pmax(W)	429	433	437	441	445	449
Max.Power Voltage	Vmp(V)	39.87	40.02	40.17	40.32	40.46	40.60
Max.Power Current	Imp(A)	10.76	10.82	10.88	10.94	11.00	11.06
Open Circuit Voltage	Voc(V)	48.47	48.66	48.85	49.04	4,923	49.42
Short Circuit Current	Isc(A)	11.46	11.51	11.56	11.61	11.66	11.71

*NMOT:Irradiance 800W/m²,Cell Temperature 20°C,Wind Speed 1m/s.

Structure Performance

Solar Cell Type	183.75R N-TopCon Mono Cell(Half Cell)
Solar Cell Arrangement	144pcs(6×24)
Module Dimension	2278×1134×35mm/30mm
Weight	32.3kg(35mm)/31.4kg(30mm)
Front Glass	2.0mm,highly transparent tempered glass with anti-reflective coating
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
Cable	4mm ² ,portrait 200mm,landscape 1400mm(+1400mm- Length canbe customized
Diode Quantity	3 pcs
Front side/Rear side	5400pa/2400pa

Connector	MC4 Compatible
Per Pallet	31pcs(35mm)/36pcs(30mm)
Per Container(40'HQ)	620pcs(35mm)/720pcs(30mm)

Temperature Characteristics	
Nominal Module Operating Temperature	44±2°C
Temperature Coefficient(Isc)	+0.043%
Temperature Coefficient (Voc)	-0.25%
Temperature Coefficient(Pmax)	-0.30%

Maximum Parameters	
Working Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Nominal Maximum Fuse Current	30A

Application:

This high-efficiency module is ideal for large-scale utility projects, commercial rooftop installations, and solar farms where maximizing energy output is crucial. Its bifacial design captures sunlight from both sides, making it particularly effective in environments with high albedo surfaces such as snow or sand. The robust construction and advanced cell technology ensure reliable performance in a wide range of climatic conditions, including high temperatures and heavy snow loads.

Shipping Methods:

Supports global air and sea shipping.



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