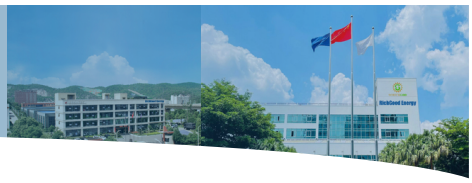
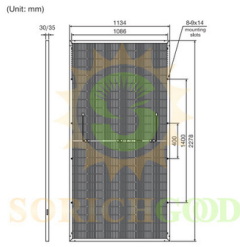


30A 560W 182 N-TopCon Bifacial Module For Monocrystalline Silicon Panels

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: NB560
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



LS-182 N-TopCon Bifacial Module 560W-580W

Product Specification

- Power Range: 560W - 580W
- Maximum Efficiency: 22.45%
- Module Dimension: 2278×1134×30mm
- Weight: 32.3kg (35mm) / 31.2kg (30mm)
- Temperature Coefficient (Pmax): -0.30%
- Nominal Maximum Fuse Current: 30A
- Connector: MC4 Compatible
- Junction Box: IP68 Rated
- Highlight: **560W bifacial module**, **30A bifacial module**, **182 N-TopCon bifacial solar panels**

Our Product Introduction

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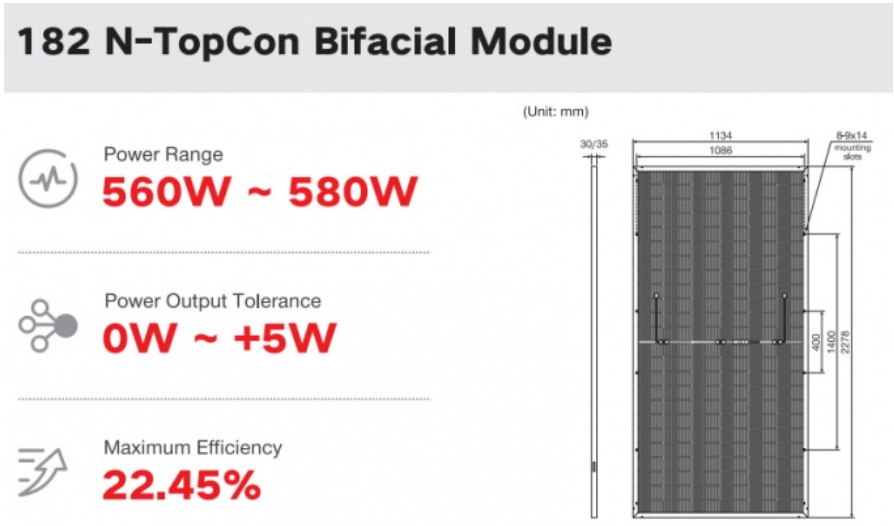
Product Description

560W 182 N-TopCon Bifacial Module The Top Choice for Monocrystalline Silicon Panels



Product Description

The 182 N-TopCon Bifacial Module is a state-of-the-art solar panel designed for high-performance energy production. Utilizing 182mm N-TopCon Mono Cells with a half-cell configuration, this module delivers an impressive power output range of 560W to 580W. The module features a power output tolerance of 0W to +5W, ensuring reliable energy generation under varying conditions. With a maximum efficiency of 22.45%, this module is engineered to provide optimal energy yield for both residential and commercial solar installations.

Electrical Performance Parameters |STC						
Model Type		560C(HBD) 72(182	565C(HBD) 72(182)	570C(HBD) 72(182)	575C(HBD) 72(182)	580C(HBD 72(182
Nominal Max.Power	Pmax(W)	560	565	570	575	580
Max.PowerVoltage	Vmp(V)	42.11	42.30	42.45	42.60	42.75
Max.Power Current	Imp(A)	13.30	13.36	13.43	13.50	13.57
Open Circuit Voltage	Voc(V)	50.63	50.83	51.03	51.23	51.43
Short Circuit Current	Isc(A)	14.09	14.15	14.21	14.27	14.33
Module Efficiency	(%)	21.68	21.87	22.07	22.26	22.45
Power Output Tolerance	(W)			0~+5W		
*STC:Irradiance 1000W/m²,Cell Temperature 25°C,Air Mass AM1.5. *Power measurement tolerance ±3%.						
Electrical Performance Parameters |NMOT						
Model Type		560C(HBD) 72(182)	565C(HBD) 72(182)	570C(HBD) 72(182)	575C(HBD) 72(182)	580C(HBD) 72(182)
Nominal Max.Power	Pmax(W)	421	425	429	433	437
Max.PowerVoltage	Vmp(V)	39.57	39.72	39.87	40.02	40.17
Max.Power Current	Imp(A)	10.64	10.70	10.76	10.82	10.88
Open Circuit Voltage	Voc(V)	48.09	48.28	48.47	48.66	48.85
Short Circuit Current	Isc(A)	11.37	11.42	11.46	11.51	11.56
·NMOT:Irradiance 800W/m2,Cell Temperature 20°C,Wind Speed 1m/s. *Power measurement tolerance ±3%.						
Structure Performance						
Solar Cell Type	182mm N-TopCon Mono Cell (Half Cell)					
Solar Cel Arrangement	144pcs(6×24)					
Module Dimension	2278×1134×35mm/30mm					

Weight	32.3kg(35mm)/31.2kg(30mm)
Front Glass	2.0mm,highly transparent tempered glass with antreflective coating
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
Cable	4mm²,portrait ((-+)) ,landscape Length can be customized
Diode Quantity	3 pcs
Frontside/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

Ideal for large-scale solar power plants and commercial rooftop systems, the 182 N-TopCon Bifacial Module is designed to harness maximum sunlight exposure with its bifacial cell technology. This module is particularly suited for installations in environments where high power output and efficiency are critical. Its robust anodized aluminum alloy frame and highly transparent tempered glass with anti-reflective coating ensure durability and longevity, even in harsh weather conditions.

Shipping Methods

Supports global air and sea shipping.

RICHGOOD ENERGY CO.,LTD

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