

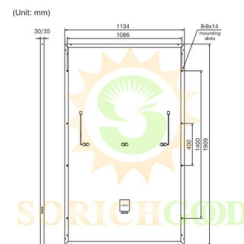


560W 182 N-TopCon Monofacial Module Monocrystalline Silicon Panels

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: NM560
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: Per Pallet: 31pcs (35mm) / 36pcs (30mm)
Per Container (40'HQ): 620pcs (35mm) / 720pcs (30mm)
- Payment Terms: T/T



LS-182 N-TopCon Monofacial Module (560w-580w)

Product Specification

- Power Range: 560W ~ 580W
- Maximum Efficiency: 22.45%
- Module Dimension: 2278×1134×35mm/30mm
- Weight: 28.0kg (35mm) / 26.3kg (30mm)
- Junction Box: IP68 Rated
- Operating Temperature: -40°C To +85°C
- Maximum System Voltage: 1500V DC
- Nominal Maximum Fuse Current: 25A
- Highlight: **560W Monocrystalline Silicon Panels,**
580W Monocrystalline Silicon Panels,
IP68 monocrystalline module

Product Description

560W 182 N-TopCon Monofacial Module High-Performance Solar Panels for All Weather Conditions

182 N-TopCon Monofacial Module



Power Range

560W ~ 580W



Power Output Tolerance

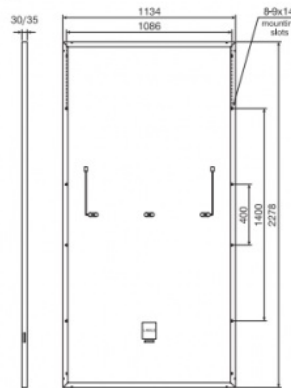
0W ~ +5W



Maximum Efficiency

22.45%

(Unit: mm)



Product Description:

The 182 N-TopCon Monofacial Module offers a power range from 560W to 580W, providing outstanding efficiency of up to 22.45%. This module is equipped with 144pcs of 182mm N-TopCon Mono Cells arranged in a 6×24 configuration. It is designed with high transparency tempered glass and an anodized aluminum alloy frame, ensuring long-term durability and high-performance output. The module's advanced structure and design make it highly efficient even in low-light conditions.

Electrical Performance Parameters STC						
Model Type		560C(HPM) 565CHPM) 570C(HPM) 575C(HPM) 580C(HPM) 72(182) 72(182) 72(182) 72(182) 72(182)				
NominalMax.Power Pmax(W)		560 565 570 575 580				
Max.Power Voltage Vmp(V)		41.92 42.08 42.23 42.38 42.53				
Max.Power Current Imp(A)		13.36 13.43 13.50 13.57 13.64				
Open CircuitVoltage Voc(V)		50.42 50.56 50.70 50.84 50.98				
Short Circuit Current Iso(A)		14.11 14.19 14.27 14.35 14.43				
Module Efficiency (%)		21.68 21.87 22.07 22.26 22.45				
Power Output Tolerance (W)		0~+5W				
·STC:Irradiance 1000W/m², Cel Temperature 25°C,Air Mass AM1.5. 'Power measurement tolerance ±3%.						
Electrical Performance Parameters NMOT						
ModelType		560C(H PM) 72(182)	565C(H PM) 72(182)	570C(H HPM) 72(18 2)	575C(H PM) 72(182)	580C(H PM) 72(182)
Nominal Max.Power	Pmax(W)	421	425	429	433	437
Max.Power Voltage	Vmp(V)	39.42	39.58	39.73	39.84	39.95
Max.Power Current	Imp(A)	10.68	10.74	10.80	10.87	10.94
Open Circuit Voltage	Voc(V)	47.88	48.02	48.16	48.29	48.42
Short Circuit Current	Isc(A)	11.39	11.45	11.51	11.58	11.64
NMOT:Irradiance 800W/m²,Cel Temperature 20°C,Wind Speed 1m/s. *Power measurement tolerance ±3%.						
Structure Performance						
Solar Cell Type		182mm N-TopConMono Cell(Half Ceill)				
Solar Cell Arrangement		144pcs(6×24)				
Module Dimension		2278×1134×35mm/30mm				
Weight		28.0kg(35mm)/26.3kg(30mm)				
Front Glass		3.2mm,highly transparent tempered glass with antreflective coating				

Back Sheet	White
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
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	25A

Application:

This high-performance solar module is ideal for large-scale commercial and industrial solar power installations. It is particularly well-suited for regions with variable weather conditions due to its superior efficiency and temperature characteristics. The module's robust design and construction allow it to withstand harsh environmental conditions, making it a reliable choice for maximizing power generation.

Shipping Methods:

Supports global air and sea shipping.



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