

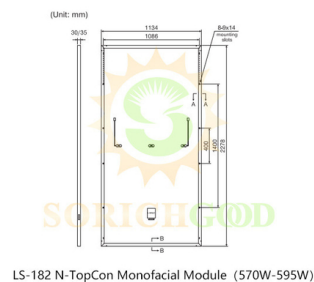


570W 182 N-TopCon Monofacial Module 72S For Commercial Utility Scale Solar

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: NM570
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: Each pallet can hold 31 to 36 pieces, depending on the thickness of the panels. A standard 40'HQ container can accommodate 620 to 792 pieces, based on pallet configuration.
- Payment Terms: T/T



Product Specification

- Power Range: 570W ~ 595W
- Efficiency: 23.03%
- Open Circuit Voltage (Voc): 51.26V ~ 51.40V
- Short Circuit Current (Isc): 14.14A ~ 14.67A
- Max Power Voltage (Vmp): 42.68V ~ 42.97V
- Max Power Current (Imp): 13.78A ~ 13.85A
- Dimensions: 2278mm × 1134mm × 35/30mm
- Weight: 28.0kg/26.5kg
- Highlight: **570W monofacial module,**
595W monofacial module,
14.67A mono facial module

Product Description

570W 182 N-TopCon Monofacial Module 72S Durable and for Commercial and Utility-Scale Solar

182 N-TopCon Monofacial Module 72S



Power Range

570W ~ 595W



Power Output Tolerance

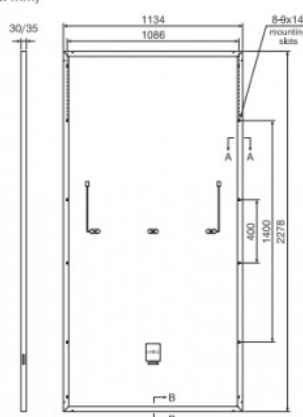
0W ~ +5W



Maximum Efficiency

23.03%

(Unit: mm)



Product Description

The 182 N-TopCon Monofacial Module 72S offers top-tier performance with a power range of 570W to 595W and a peak efficiency of 23.03%. Engineered with 183.75R N-TopCon Mono Cells in a 144-cell (6×24) arrangement, this module is designed for maximum energy yield. Its high transparency tempered glass and anodized aluminum alloy frame ensure long-term durability, while the IP68-rated junction box provides excellent protection against water and dust. This module is ideal for large-scale solar projects requiring high efficiency and reliability.

Electrical Performance Parameters STC							
Model Type		570C(HPM) 72S(182)	575C(HPM) 72S(182)	580C/H (PM) 72S(182)	585C(HPM) 72S(182)	590C(HPM) 72S(182)	595C/H (PM) 72S(182)
Nominal Max.Power	Pmax(W)	570	575	580	585	590	595
Max.PowerVoltage	Vmp(V)	4,223	42.38	42.53	42.67	42.82	4,297
Max.Power Current	Imp(A)	13.50	13.57	13.64	13.71	13.78	13.85
Open Circuit Voltage	Voc(V)	50.70	50.84	50.98	51.12	51.26	51.40
Short Circuit Current	so(A)	1,427	14.35	14.43	14.51	14.59	14.67
Module Efficiency	(%)	22.07	22.26	22.45	22.65	22.84	23.03
Power Output Tolerance	(W)	0~+5W					
·STC:Irradiance 1000W/m²,Cel Temperature 25°C,Air Mass AM1.5. ·Power measurementtolerance ±3%.							
Electrical Performance Parameters NMOT							
Model Type		570C(HPM) 575C(HPM) 580C(HPM) 585C(HPM) 590C(HPM) 595CHPM) 72S(182) 72S(182) 72S(182) 72S(182) 72S(182) 72S(182)					
Nominal Max.Power Pmax(W)		429 433 437 441 445 449					
Max.PowerVoltage Vmp(V)		39.87 39.84 39.95 40.06 40.17 40.28					
Max.Power Current Imp(A)		10.80 10.87 10.94 11.01 11.08 11.15					
Open Circuit Voltage Voc(V)		48.16 48.29 48.42 48.55 48.68 48.81					
Short Circuit Current Isc(A)		11.51 11.58 11.64 11.71 11.78 11.84					
*NMOT:Irradiance 800W/m²,Cel Temperature 20°C,Wind Speed 1m/s. ·Power measurement tolerance ±3%.							
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		28.0kg(35mm)/26.5kg(30mm)					

Front Glass	3.2mm,highly transparent tempered glass with anti-reflective coating	
Back Sheet	White	
Frame	Anodized Aluminum Alloy	
Junction Box	IP68 rated	
Cable	4mm²,portrait 200mm-,landscape	1400mm(+) 1400mm(-)
	Length can be 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	25A

Application

Commercial and Utility-Scale Solar Installations.

The 182 N-TopCon Monofacial Module 72S is perfect for commercial and utility-scale solar installations, especially in areas with high solar irradiance. It is also suitable for rooftop installations on industrial buildings where space optimization and high output are crucial. The module's high efficiency makes it an excellent choice for maximizing energy generation in limited spaces.

Shipping Methods

Supports Global Air and Sea Shipping



RICHGOOD ENERGY CO.,LTD



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