

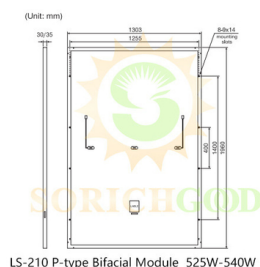


585W-600W Monocrystalline Silicon Panels For Commercial Rooftop Installations

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: PB525
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Power Range: 585W ~ 600W
- Power Output Tolerance: 0W ~ +5W
- Maximum Efficiency: 21.2%
- Nominal Module Operating Temperature: $44\pm 2^{\circ}\text{C}$
- Temperature Coefficient (Isc): $+0.048\%/^{\circ}\text{C}$
- Temperature Coefficient (Voc): $-0.26\%/^{\circ}\text{C}$
- Temperature Coefficient (Pmax): -0.34%
- Maximum System Voltage: 1500V DC
- Highlight: **585w monocrystalline silicon panels, 600W monocrystalline silicon solar panels, commercial monocrystalline silicon panels**

Product Description

Durable 585W-600W Monocrystalline Silicon Panels for Commercial Rooftop Installations

210 P-type Monofacial Module



Power Range

585W ~ 600W

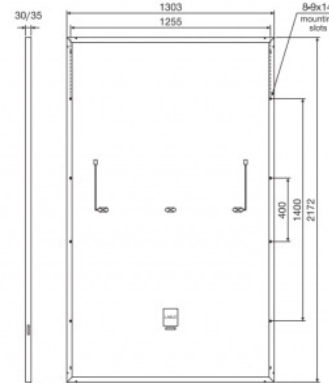
Power Output Tolerance

0W ~ +5W

Maximum Efficiency

21.2%

(Unit: mm)



Product Description

The 210 P-type Monofacial Module offers a power range of 585W to 600W with a maximum efficiency of 21.2%. This module is designed for high-performance solar power applications, providing stable and reliable energy output. The module's high efficiency is achieved through advanced cell technology and precision manufacturing, ensuring that it meets the demands of large-scale solar projects.

This module is equipped with a durable anodized aluminum alloy frame and high-transparency tempered glass, ensuring long-term performance and durability even in harsh environmental conditions. The IP68 rated junction box provides superior protection against water and dust ingress, making it suitable for various installation environments.

Electrical Performance Parameters |STC

Model Type		585D(HP M) 60(210)	590D(HP M) 60(210)	595D(HP M) 60(210)	600D(HP M) 60(210)
Nominal Max.Power	Pmax(W)	585	590	595	600
Max.Power Voltage	Vmp(V)	33.70	33.90	34.10	34.30
Max.Power Current	Imp(A)	17.36	17.41	17.45	17.50
Open Circuit Voltage	Voc(V)	40.80	41.00	41.20	41.40
Short Circuit Current	Isc(A)	18.36	18.40	18.44	18.48
Module Efficiency	(%)	20.67	20.85	21.02	21.20
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		585D(HP M) 60(210)	590D(HP M) 60(210)	595D(HP M) 60(210)	600D(HP M) 60(210)
Nominal Max.Power	Pmax(W)	443	447	451	454
Max.Power Voltage	Vmp(V)	31.54	31.73	31.92	32.02
Max.Power Current	Imp(A)	14.05	14.09	14.13	14.18
Open Circuit Voltage	Voc(V)	38.50	38.70	38.90	39.10
Short Circuit Current	Isc(A)	14.81	14.85	14.89	14.93

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

*Power measurement tolerance ±3%.

Structure Performance

Solar Cell Type	210mm Mono-crystalline (Half Cell)
Solar Cell Arrangement	120pcs(6×20)
Module Dimension	2172×1303×35mm/30mm
Weight	31.2kg(35mm)/29.8kg(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	4mm ² ,portrait (-+) ,landscape Length can be customized	1400mm(+) 1400mm(-)
Diode Quantity	3 pcs	
Front side/Rear side	5400pa/2400pa	
Connector	MC4 Compatible	
Per Pallet	31pcs(35mm)/36pcs(30mm)	
Per Container(40'HQ)	558pcs(35mm)/648pcs(30mm)	

Temperature Characteristics

Nominal Module Operating Temperature	44±2°C
Temperature Coefficient(Isc)	+0.048%
TemperatureCoefficient nt (Voc)	-0.26%
Temperature Coefficient(Pmax)	-0.34%

Maximum Parameters

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

Application

This module is ideal for utility-scale solar farms, commercial rooftop installations, and other large-scale solar projects where high power output and efficiency are critical. Its robust design and high performance make it suitable for use in diverse climatic conditions, from deserts to tropical regions.

Shipping Methods:

Supports global air and sea shipping.



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