

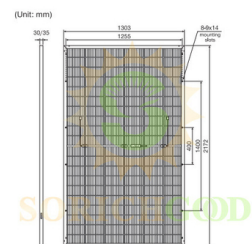


585W Monocrystalline Silicon Panels For Commercial And Utility Scale Projects

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: PB585
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



LS-210 P-type Bifacial Module 585W-605W

Product Specification

- Power Range: 585W ~ 605W
- Power Output Tolerance: 0W ~ +5W
- Module Efficiency: 21.38%
- Nominal Operating Temperature: $44 \pm 2^{\circ}\text{C}$
- Maximum System Voltage: 1500V DC
- Nominal Maximum Fuse Current: 30A
- Highlight: **585w monocrystalline silicon panels, 605W monocrystalline silicon solar panels, commercial monocrystalline cell**

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585W High-Performance Monocrystalline Silicon Panels for Commercial and Utility-Scale Projects

585W ~ 605W



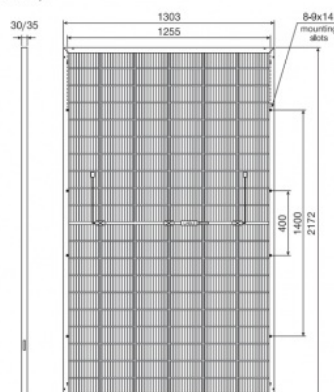
0W ~ +5W



21.38%



(Unit: mm)



The 210 P-type bifacial module offers dual-sided power generation with a power range from 585W to 605W, providing a significant boost in overall energy yield. With a maximum efficiency of 21.38%, this module is designed to capture additional energy from the rear side, increasing overall performance. The module's durable design, featuring a 30mm or 35mm thick anodized aluminum frame and high-transparency tempered glass, ensures long-term reliability and high energy output.

Electrical Performance Parameters STC						
Model Type		585D(HBD) 60(210)	590D(HBD) 60(210)	595D(HBD) 60(210)	600 D(H BD) 60(2 10)	605D(HBD) 60(21 0)
Nominal Max.Power	Pmax (W)	585	590	595	600	605
Max.Power Voltage	Vmp(V)	33.93	34.13	34.33	34.5 3	34.73
Max.Power Current	Imp(A)	17.25	17.29	17.34	17.3 8	17.43
Open Circuit Voltage	Voc(V)	41.20	41.40	41.60	41.8 0	42.00
ShortCircuitCurrent	Isc(A)	18.25	18.29	18.33	18.3 7	18.41
Module Efficiency	(%)	20.67	20.85	21.02	21.2 0	21.38
PowerOutputTolerance	(W)			0~+5W		
*STC:Irradiance 1000W/m²,Cell Temperature 25°C,AirMass AM1.5.						
*Power measurement tolerance ±3%.						
Electrical Performance Parameters NMOT						
Model Type		585D(HBD) 60(210)	590D(HBD) 60(210)	595D(HBD) 60(210)	600 D(H BD) 60(2 10)	605D(HBD) 60(21 0)
Nominal Max.Power	Pmax (W)	443	447	451	455	459
Max.Power Voltage	Vmp(V)	31.63	31.82	32.01	32.2 1	32.40
Max.Power Current	Imp(A)	14.01	14.05	14.09	14.1 3	14.17
Open Circuit Voltage	Voc(V)	38.80	39.00	39.20	39.4 0	39.60
ShortCircuit Current	Isc(A)	14.71	14.75	14.79	14.8 3	14.87
·NMOT:Irradiance 800W/m²,Cell Temperature 20°C,WindSpeed 1m/s.						
*Power measurementtolerance ±3%.						

Structure Performance		
Solar Cell Type	210mm Mono-crystalline (Half Cell)	
Solar Cell Arrangement	120pcs(6×20)	
Module Dimension	2172×1303×35mm/30mm	
Weight	35.6kg(35mm)/33.7kg(30mm)	
Front Glass	2.0mm,highly transparenttempered glass with antireflective coating	
Frame	Anodized AluminumAlloy	
Junction Box	IP68 rated	
Cable	4mm²,portrait - t) ,landscape Lengthcanbe customized	1400mm(1400mmi -
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℃
Temperature Coefficient (Isc)	+0.048%
Temperature Coefficient(Voc)	-0.26%
Temperature Coefficient(Pmax)	-0.34%
Maximum Parameters	
Working Temperature	-40~+85℃
Maximum System Voltage	1500V DC
Nominal Maximum Fuse Current	30A

Application:

Perfect for installations in areas with reflective surfaces or ground-mounted systems where additional energy gain from the rear side can be maximized. It is suitable for both commercial and utility-scale projects, particularly in environments where optimal light conditions are present.

Shipping Methods:

Supports global air and sea shipping.



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