

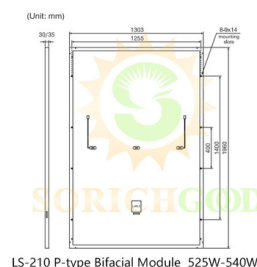


525W Anodized Aluminum Alloy Frame Monocrystalline Silicon Panels for Solar Installations

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: PtM525
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



LS-210 P-type Bifacial Module 525W-540W

Product Specification

- Solar Cell Arrangement: 108pcs(6x18)
- Module Dimension: 1960x1303x35mm
- Weight: 28.4kg(35mm)/27.3kg(30mm)
- Front Glass: 3.2mm, Highly Transparent Tempered Glass With Anti-reflective Coating
- Frame: Anodized Aluminum Alloy (White)
- Connector: MC4 Compatible
- Highlight: **525w monocrystalline silicon panels,**
525w monocrystalline silicon solar panels,
anodized monocrystalline silicon panels

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Product Description

525W Anodized Aluminum Alloy Frame Monocrystalline Silicon Panels for Solar Installations

210 P-type Monofacial Module



Power Range

525W ~ 540W

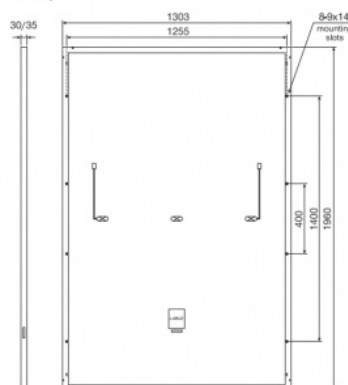
Power Output Tolerance

0W ~ +5W

Maximum Efficiency

21.14%

(Unit: mm)



Product Description

The 210 P-type Monofacial Module offers a power range of 525W to 540W with a maximum efficiency of 21.14%. This module is designed for high performance in a variety of environments, providing consistent and reliable power output with a tolerance of 0W to +5W. The use of 210mm monocrystalline half cells arranged in a 6x18 configuration enhances the module's efficiency and durability, making it ideal for both residential and commercial solar projects. The module's robust construction includes a 3.2mm highly transparent tempered glass front and an anodized aluminum alloy frame, ensuring long-term durability and resistance to environmental factors.

Electrical Performance Parameters |STC

Model Type		525D(HP M) 54(210)	530D(H PM) 54(210)	535D(HP M) 54(210)	540D(HP M) 54(210)
Nominal Max.Power	P _{max} (W)	525	530	535	540
Max.Power Voltage	V _{mp} (V)	30.10	30.30	30.50	30.70
Max.Power Current	I _{mp} (A)	17.45	17.50	17.55	17.60
OpenCircuitVoltage	V _{oc} (V)	36.80	37.20	37.60	37.80
Short Circuit Current	I _{sc} (A)	18.34	18.38	18.42	18.46
Module Efficiency	(%)	20.56	20.75	20.95	21.14
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		525D(HP M) 54(210)	530D(H PM) 54(210)	535D(HP M) 54(210)	540D(HP M) 54(210)
Nominal Max.Power	P _{max} (W)	398	402	406	410
Max.Power Voltage	V _{mp} (V)	28.33	28.54	28.74	28.94
Max.Power Current	I _{mp} (A)	14.05	14.09	14.13	14.17
Open Circuit Voltage	V _{oc} (V)	34.40	34.60	34.80	35.00
Short Circuit Current	I _{sc} (A)	14.80	14.84	14.88	14.92

*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	108pcs(6×18)
Module Dimension	1960×1303×35mm/30mm
Weight	28.4kg(35mm)/27.3kg(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 m() (- 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)	558pcs(35mm)/648pcs(30mm)

Temperature Characteristics	
Nominal Module Operating Temperature	44±2°C
Temperature Coefficient (Isc)	+0.048%
Temperature Coefficient(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 suitable for large-scale ground-mounted solar power plants, commercial rooftops, and residential solar installations. Its high efficiency and power output make it an excellent choice for maximizing energy production in limited space. The module's strong mechanical load capacity and resistance to environmental stressors ensure reliable performance even in harsh conditions.

Shipping Methods

Supports global air and sea shipping.



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