

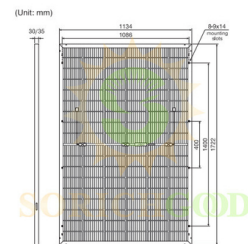


400W Enhance Energy Yield With 182 P-Type Bifacial Module Monocrystalline Silicon Panel

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: PB400
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



LS-182 P-type Bifacial Module 400W-415W

Product Specification

- Power Range: 400W ~ 415W
- Power Output Tolerance: 0W ~ +5W
- Maximum Efficiency: 21.25%
- Open Circuit Voltage (Voc): 36.96V ~ 37.34V
- Short Circuit Current (Isc): 13.74A ~ 13.95A
- Nominal Module Operating Temperature: $44 \pm 2^{\circ}\text{C}$
- Temperature Coefficient (P_{max}): -0.34%
- Module Dimension: 1722×1134×35mm
- Highlight: 415w bifacial module, 400W module bifacial, IEC 61215 bifacial module

Product Description

400W Enhance Energy Yield with 182 P-type Bifacial Module and Monocrystalline Silicon Panels

182 P-type Bifacial Module



Power Range

400W ~ 415W



Power Output Tolerance

0W ~ +5W



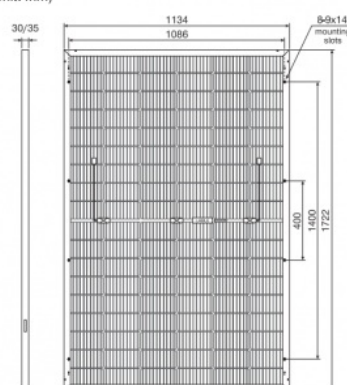
Maximum Efficiency

21.25%



Double sides power output to reach higher comprehensive efficiency and get more profit.

(Unit: mm)



Product Description:

The 182 P-type Bifacial Module is designed for applications requiring high efficiency and reliability. This module features a power range of 400W to 415W, making it suitable for a variety of solar installations. The bifacial design allows for energy generation from both sides, enhancing overall performance and increasing energy yield. With a maximum efficiency of 21.25%, this module is optimized for capturing more sunlight and converting it into usable energy.

Electrical Performance Parameters STC					
Model Type		400D(HBD) 54(182)	405D(HBD) 54(182)	410D(HBD) 54(182)	415D(HBD) 54(182)
Nominal Max.Power	Pmax(W)	400	405	410	415
Max.Power Voltage	Vmp(V)	31.13	31.35	31.57	31.79
Max.Power Current	Imp(A)	12.85	12.92	12.99	13.06
Open Circuit Voltage	Voc(V)	36.96	37.08	37.20	37.34
Short Circuit Current	Isc(A)	13.74	13.81	13.88	13.95
Module Efficiency	(%)	20.48	20.74	21.00	21.25
PowerOutput Tolerance	(W)	0~+5W			
*STC:Irradiance 1000W/m²,Cell Temperature 25°C,AirMass AM1.5. ·Power measurement tolerance ±3%.					
Electrical Performance Parameters NMOT					
Model Type		400D(HBD) 54(182)	405D(HBD) 54(182)	410D(HBD) 54(182)	415D(HBD) 54(182)
Nominal Max.Power	Pmax(W)	275	282	287	292
Max.Power Voltage	Vmp(V)	26.55	27.12	27.50	27.87
Max.Power Current	Imp(A)	10.36	10.40	10.44	10.48
Open Circuit Voltage	Voc(V)	34.62	34.74	34.86	35.00
Short Circuit Current	Isc(A)	11.09	11.15	11.20	11.26
*NMOT:Irradiance 800W/m²,Cell Temperature 20°C,Wind Speed 1m/s. *Power measurement tolerance ±3%.					
Structure Performance					
Solar Cell Type		182mm Mono-crystalline(Half Cell)			

Solar Cell Arrangement	108pcs(6×18)		
Module Dimension	1722×1134×35mm/30mm		
Weight	24.1kg(35mm)/23.4kg(30mm)		
Front Glass	2.0mm,highly transparent tempered glass with anti-reflective coating		
Frame	Anodized Aluminum Alloy		
Junction Box	IP68 rated		
Cable	4mm²,portrait	400mm(+).landscape 200mm(-)	1400mm(t) 1400mm(-)
	Length can be customized		
DiodeQuantity	3 pcs		
Front side/Rear side	5400pa/2400pa		
Connector	MC4 Compatible		
Per Pallet	31pcs(35mm)/36pcs(30mm)		
Per Container(40'HQ)	806pcs(35mm)/936pcs(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	
WorkingTemperature	-40~+85℃
Maximum System Voltage	1500V DC
Nominal Maximum Fuse Current	25A

Application:

Ideal for utility-scale solar farms and commercial rooftop installations, where maximizing energy output and land use efficiency is crucial. The bifacial design is especially beneficial in areas with reflective surfaces such as snow or light-colored rooftops, where additional energy can be harvested from the rear side of the module.

Shipping Methods:

Supports global air and sea shipping.



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