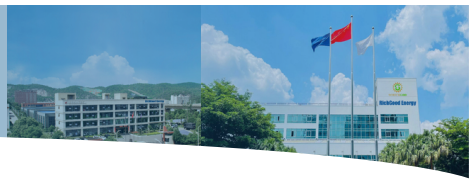
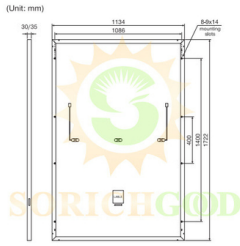


395W 182 Pure Black Monocrystalline Silicon Panels For Residential And Commercial

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: PB395
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: Per Pallet Quantity: 31pcs (35mm thickness) / 36pcs (30mm thickness) Per Container (40'HQ) Quantity: 806pcs (35mm thickness) / 936pcs (30mm thickness)
- Payment Terms: T/T



LS-182 Pure Black P-type Monofacial Module 395W-405W

Product Specification

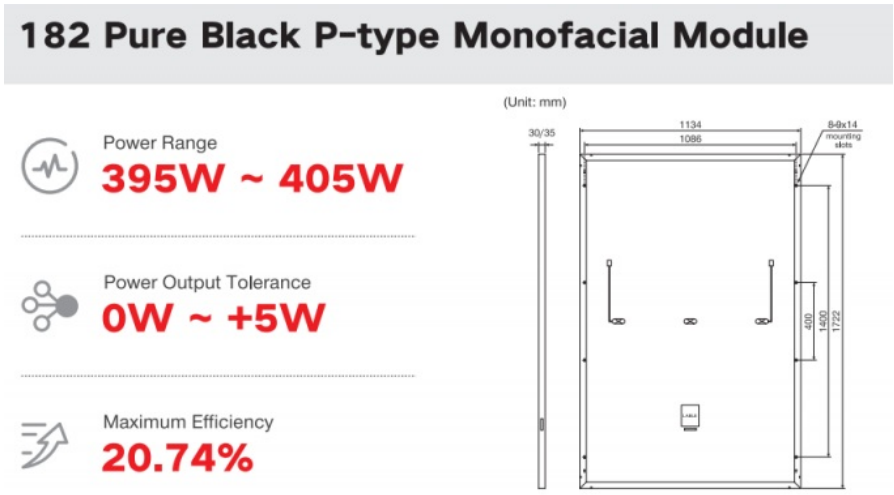
- Nominal Max. Power (Pmax): 395W - 405W
- Module Efficiency: 20.23% - 20.74%
- Max. Power Voltage (Vmp): 30.82V - 31.22V
- Max. Power Current (Imp): 12.82A - 12.98A
- Open Circuit Voltage (Voc): 36.70V - 37.10V
- Short Circuit Current (Isc): 13.60A - 13.70A
- Power Output Tolerance: 0W ~ +5W
- Temperature Coefficient Of Pmax: -0.34%/°C
- Highlight: **395W Monocrystalline Silicon Panels**, **Residential Monocrystalline Silicon Panels**, **Commercial monocrystalline silicon cell**

Our Product Introduction

for more products please visit us on fuhaosolar.com

Product Description

395W 182 Pure Black Monocrystalline Silicon Panels Perfect for Residential and Commercial



Product Description

The 182 Pure Black P-type Monofacial Module offers an elegant and robust solution for solar power generation, with a power range of 395W to 405W and a maximum efficiency of 20.74%. The module is constructed using 182mm mono-crystalline half cells, arranged in a 6x18 configuration, and features a 3.2mm highly transparent tempered glass front with an anodized aluminum alloy frame, both designed for enhanced durability and resistance against environmental stressors like dust, salt mist, and ammonia.

Key to its performance is the integration of multi-busbar (MBB) half-cut cell technology, which not only increases shading resistance but also minimizes the risk of hot spots, ensuring consistent power output even under challenging conditions. With strict control over raw materials and advanced PERC technology, this module exhibits lower Light-Induced Degradation (LID), contributing to its overall reliability and longevity.

Electrical Performance Parameters |STC				
Mode Type		395DYBPM) 54(182)	400D(BPM) 54(182)	405D(BPM) 54(182
Nominal Max.Power	Pmax(W)	395 400		405
Max.Power Voltage	Vmp(V)	30.82 31.02		31.22
Max.Power Current	Imp(A)	12.82 12.90		12.98
OpenCircuit Voltage	Voc(V)	36.70 36.90		37.10
Short Circuit Current	Isc(A)	13.60 13.65		13.70
Module Efficlency	(%)	20.23 20.48		20.74
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		395D(BPM) 54(182)	400D(BPM) 54(182)	405D(BPM) 54(182)
Nominal Max.Power	Pmax(W)	275	280	285
Max.Power Voltage	Vmp(V)	27.02	27.30	27.62
Max.Power Current	Imp(A)	10.18	10.26	10.32
Open Circuit Voltage	Voc(V)	34.20	34.40	34.60
Short Circuit Current	Isc(A)	11.19	11.39	11.59
*NMOT:Iradiance 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	21.7kg(35mm)/20.6kg(30mm)	
Front Glass	3.2mm,highly transparent tempered glass with anti-reflective coating	
Back Sheet	Black	
Frame	Anodized Aluminum Alloy (Black)	
Junction Box	IP68 rated	
Cable	4mm²,portrait200mm(t),landscape Length can be customized	1400mm(4) 1400mm-
Diode Quantity	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	
Working Temperature	-40~+85℃
Maximum System Voltage	1500V DC
Nominal Maximum Fuse Current	25A

Application

The Pure Black series is ideal for applications where both performance and aesthetics are paramount. Its sleek design and superior performance make it perfect for residential rooftops, commercial facades, and other installations where visual integration with the building structure is desired. The module's robust build and resistance to environmental factors also make it suitable for installations in harsh climates, ensuring reliable power generation in diverse conditions.

Our Certificates

IEC61215, IEC61730,
ISO 9001:2015 Quality management system,
ISO 14001:2015 Environment management system,
ISO 45001:2018 Occupational health and safety management system

Shipping Methods
Supports global air and sea shipping.

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