

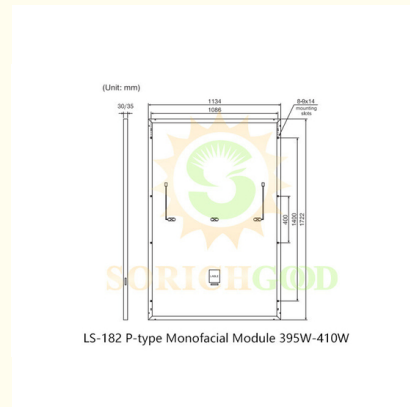


## Residential And Commercial 395W Monocrystalline Silicon Panels

### 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: PT395
- Minimum Order Quantity: 806 pcs
- Price: consult prices online
- Packaging Details: Per Pallet: 31 pcs (35mm) / 36 pcs (30mm)  
Per Container (40'HQ): 806 pcs (35mm) / 936 pcs (30mm)
- Payment Terms: T/T



#### Product Specification

- Nominal Max. Power (P<sub>max</sub>): 395W - 405W
- Module Efficiency: Up To 21%
- Maximum Power Voltage (V<sub>mp</sub>): 30.75V - 31.35V
- Maximum Power Current (I<sub>mp</sub>): 12.85A - 13.01A
- Open Circuit Voltage (V<sub>oc</sub>): 36.77V - 37.09V
- Short Circuit Current (I<sub>sc</sub>): 13.71A - 13.95A
- Temperature Coefficient (P<sub>max</sub>): -0.34%
- Operating Temperature: -40°C ~ +85°C
- Highlight: **395W Monocrystalline Silicon Panels,  
Commercial Monocrystalline Silicon Panels,  
Residential mono pv panels**

## Product Description

395W Monocrystalline Silicon Panels for and Reliability in Residential and Commercial

### 182 P-type Monofacial Module



Power Range

**395W ~ 410W**



Power Output Tolerance

**0W ~ +5W**

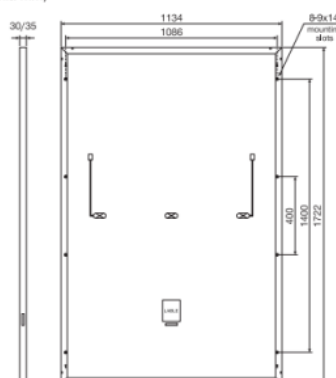


Maximum Efficiency

**21%**

\*Customizable with Black Frame.

(Unit: mm)



#### Product Description

The 182 P-type Monofacial Module is designed with a focus on reliability and performance, offering a power range of 395W to 410W. Its maximum efficiency of 21% ensures optimal energy output, even in challenging environments. The module features multi-busbar (MBB) half-cut cell technology, which enhances its resistance to shade and reduces the risk of hot spots. This series is constructed with an anodized aluminum alloy frame and a highly transparent tempered glass, providing robust durability against environmental factors such as sand, dust, salt mist, and ammonia. The use of high-efficiency PERC cells further increases the module's resistance to potential-induced degradation (PID), ensuring long-term performance stability.

#### Electrical Performance Parameters |STC

Model Type		395D(HPM) 54(182)	400D(HP M) 54(182)	405DYHP M) 54(182)	410D(HP M) 54(182)
Nominal Max.Power	P <sub>max</sub> (W)	395	400	405	410
Max.Power Voltage	V <sub>mp</sub> (V)	30.75	30.95	31.15	31.35
Max.Power Current	I <sub>mp</sub> (A)	12.85	12.93	13.01	13.09
OpenCircuit Voltage	V <sub>oc</sub> (V)	36.77	36.97	37.17	37.37
Short Circuit Current	I <sub>sc</sub> (A)	13.71	13.79	13.87	13.95
Module Efficiency	(%)	20.23	20.48	20.74	21.00
Power Output Tolerance	(W)	0~+5W			

\*STC:Irradiance 1000W/m<sup>2</sup>,Cell Temperature25°C,Air Mass AM1.5.

\*Power measurement tolerance ±3%.

#### Electrical Performance Parameters |NMOT

Model Type		395D(HPM) 54(182)	400D(HP M) 54(182)	405D(HPM) 54(182)	410D(HP M) 54(182)
Nominal Max.Power	P <sub>max</sub> (W)	290	295	300	305
Max.Power Voltage	V <sub>mp</sub> (V)	27.64	28.00	28.38	28.72
Max.Power Current	I <sub>mp</sub> (A)	10.50	10.54	10.58	10.62
OpenCircuit Voltage	V <sub>oc</sub> (V)	34.68	34.83	34.98	35.13
Short Circuit Current	I <sub>sc</sub> (A)	10.94	11.07	11.19	11.24

·NMOT:Irradiance 800W/m<sup>2</sup>,Cell Temperature 20°C,Wind Speed 1m/s.

·Power measurement tolerance ±3%.

#### Structure Performance

Solar Cell Type	182mm Mono-crystalline (Half Cell)
Solar Cel 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	White
Frame	Anodized Aluminum Alloy(White/Black)
Junction Box	IP68 rated
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 182 P-type Monofacial Module is ideal for large-scale solar projects, residential installations, and commercial applications where high efficiency and reliability are paramount. Its robust design and superior weather resistance make it well-suited for deployment in a variety of climates, including those with harsh 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.



**RICHGOOD ENERGY CO.,LTD**



willa@fuhaosolar.com



fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou