

Classic Series

**C6 II · 370-390W
MWT Mono PERC Half-Cut Module**

20.9%

Module efficiency up to 20.9%

Features

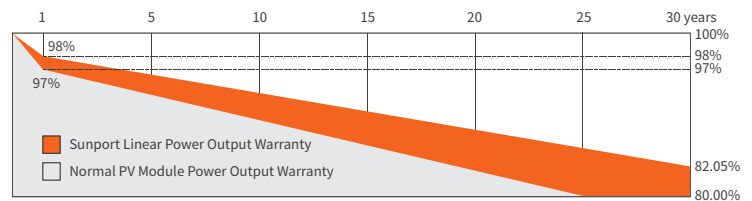
- High Efficiency**
With busbar-free design and higher efficiency
- High Reliability**
Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition
- High ROI**
Higher return on investment with higher power output
- Aesthetic Design**
Busbar-free design, unique and graceful finger pattern on the solar cell surface, customized pattern design also available
- Superior Warranty**
30 MWT single-glass module with 30-year power warranty by LLOYD'S&PICC worldwide
- Lead Free**
Eco-friendly PV design achieves Lead-free without soldering materials

Reinsurance Coverage for 30 Years

12 year
Quality
Warranty

30 year
Performance
Warranty

Insured by PICC and LLOYD'S



※1st year degradation less than 2%, 30 years linear power output 82% guaranteed.

Comprehensive Qualifications & Certifications

- ★CQC Top Runner Advanced Technology Certification (4A class)
- ★ISO 9001:2015 Quality Management System
- ★ISO 45001: 2018 Occupation Health Safety Management System
- ★TUV NORD Certification
- ★ISO 14001:2015 Environment Management System



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Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP370QHEH	SPP375QHEH	SPP380QHEH	SPP385QHEH	SPP390QHEH
Max-Power(Pm)	W	370	375	380	385	390
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	35.3	35.5	35.7	35.9	36.1
Max-Power Current(I _m)	A	10.49	10.57	10.65	10.73	10.81
Open-Circuit Voltage(Voc)	V	42.6	42.8	43.0	43.2	43.4
Short-Circuit Current(I _{sc})	A	11.02	11.10	11.18	11.26	11.34
Module Efficiency(η _m)	%	19.8	20.1	20.3	20.6	20.9

STC: AM=1.5, Irradiation 1000W/m², Module Temperature 25°C

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP370QHEH	SPP375QHEH	SPP380QHEH	SPP385QHEH	SPP390QHEH
Max-Power(Pm)	W	278	282	286	290	294
Max-Power Voltage(Vm)	V	32.5	32.7	32.9	33.1	33.3
Max-Power Current(I _m)	A	8.56	8.63	8.7	8.77	8.83
Open-Circuit Voltage(Voc)	V	39.8	40.0	40.2	40.4	40.6
Short-Circuit Current(I _{sc})	A	8.96	9.02	9.08	9.14	9.20

NMOT: Irradiation 800W/m², Ambient temperature 20°C, Wind Speed 1m/s

Temperature Coefficient

Nominal Module Operating Temperature	43±2°C
Temperature coefficient of P _{max}	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of I _{sc}	0.06%/°C

Package

Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HC	864	36

Mechanical Characteristics

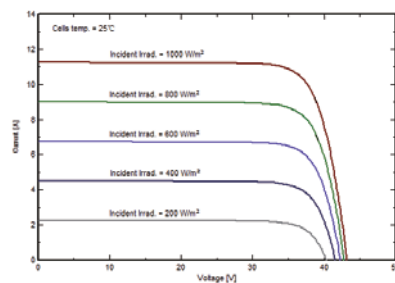
Dimension(L×W×H)	1805mmx1035mmx30mm
Weight	20.5kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	126 (6×21) / Mono / 166mm(Half-cell)
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Silver
Junction Box	IP68
Cable	4mm ² , 350mm (+) / 150mm (-); Customizable
Connector	MC4 Compatible

Operating Conditions

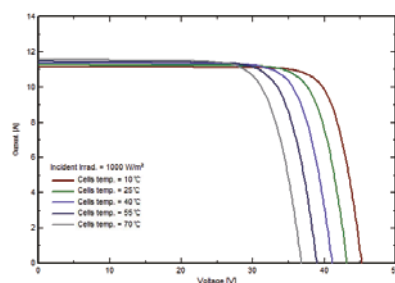
Max System Voltage	1500V(TUV)
Max Fuse Rated Current	20A
Operating Temperature Range	-40°C~+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

I-V Curve

I-V Curve at different irradiation (SPP385QHEH)



I-V Curve at different temperature (SPP385QHEH)



Module Size

