

# Classic Series

## C6 II · 375-395W MWT Mono PERC Half-Cut Module

**21.1%**

Module efficiency up to 21.1%

### Features

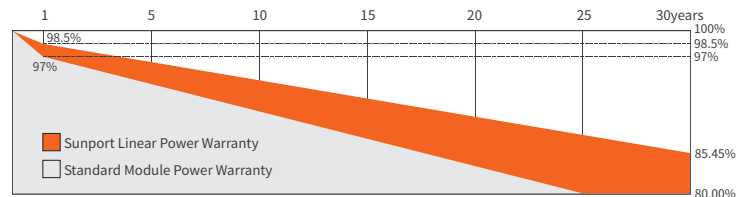
- Innovative Layout**  
 Innovative back contact module layout with asymmetric design for higher efficiency power
- High Efficiency**  
 Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions
- High Reliability**  
 Conductive back sheet's 2D encapsulation avoids welding stress and micro crack, resulting lower degradation under multiple harsh testing conditions
- High ROI**  
 Single-glass modules with global 30-year performance warranty bring higher return on investment
- Aesthetic Design**  
 The design of busbar and tapping ribbon free makes module more aesthetic
- Lead Free**  
 Eco-friendly PV design achieves lead-free MWT module without soldering materials

### Reinsurance Coverage for 30 Years

**15 year**  
Quality Warranty

**30 year**  
Performance Warranty

Insured by PAIC and LLOYD'S  
**PING AN LLOYD'S**



※1st year degradation less than 1.5%, 30 years linear power output 85.45% 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



## Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP375QHEH	SPP380QHEH	SPP385QHEH	SPP390QHEH	SPP395QHEH
Max-Power(Pm)	W	375	380	385	390	395
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	35.5	35.7	35.9	36.1	36.3
Max-Power Current(I <sub>m</sub> )	A	10.57	10.65	10.73	10.81	10.89
Open-Circuit Voltage(Voc)	V	42.8	43.0	43.2	43.4	43.5
Short-Circuit Current(I <sub>sc</sub> )	A	11.10	11.18	11.26	11.34	11.42
Module Efficiency(η <sub>m</sub> )	%	20.1	20.3	20.6	20.9	21.1

STC: AM=1.5, Irradiation 1000W/m<sup>2</sup>, Module Temperature 25°C Power Tolerance ±3%

## Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP375QHEH	SPP380QHEH	SPP385QHEH	SPP390QHEH	SPP395QHEH
Max-Power(Pm)	W	282	286	290	294	298
Max-Power Voltage(Vm)	V	32.7	32.9	33.1	33.3	33.5
Max-Power Current(I <sub>m</sub> )	A	8.63	8.7	8.77	8.83	8.90
Open-Circuit Voltage(Voc)	V	40.0	40.2	40.4	40.6	40.8
Short-Circuit Current(I <sub>sc</sub> )	A	9.02	9.08	9.14	9.20	9.26

NMOT: Irradiation 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind Speed 1m/s

## Temperature Coefficient

Nominal Module Operating Temperature	43±2°C
Temperature coefficient of P <sub>max</sub>	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of I <sub>sc</sub>	0.06%/°C

## Mechanical Characteristics

Dimension(L×W×H)	1805mmx1035mmx30mm
Weight	20 kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	126(21x6) / Mono / Half-cell
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Silver
Junction Box	IP68
Cable	4mm <sup>2</sup> , 350mm (+) / 150mm (-); Customizable
Connector	MC4 Compatible

## Operating Conditions

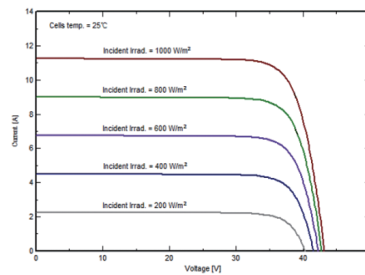
Max System Voltage	DC1500V(TUV)
Max Fuse Rated Current	20A
Operating Temperature Range	-40°C~+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

## Package

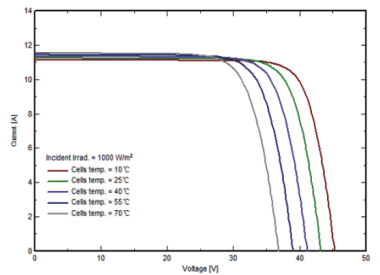
Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HQ	864	36

## I-V Curve

I-V Curve at different irradiation (SPP385QHEH)



I-V Curve at different temperature (SPP385QHEH)



## Module Size

