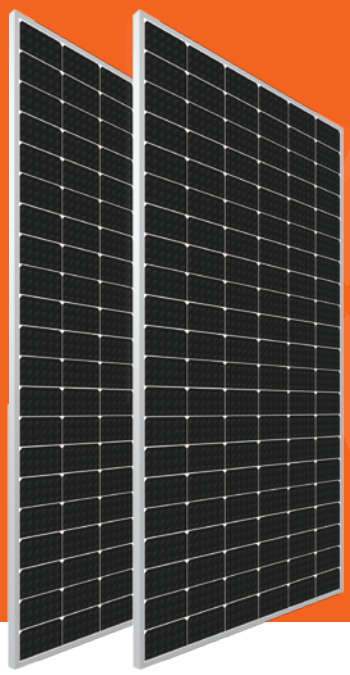


Sunport

Classic Series

C6 Ⅱ · 355-375W MWT Module
Mono Half-cut 63 Cells

20.8%

Module efficiency up to 20.8%

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 of 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
The only 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

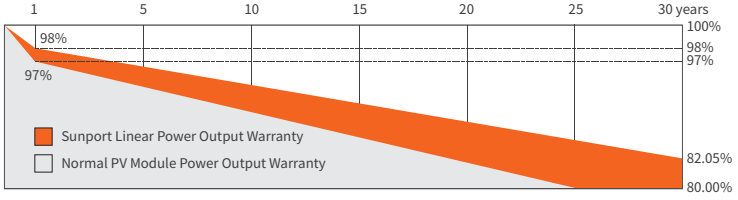
Reinsurance Coverage for 30 Years

12year Quality Warranty

30year Performance Warranty

Insured by PICC and LLOYD'S

PICC 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)
★ TUV NORD Certification
★ISO 9001:2015 Quality Management System
★ISO 14001:2015 Environment Management System
★ISO 45001: 2018 Occupation Health Safety Management System
★ TUV NORD Certification

Jiangsu Sunport Power Corp., Ltd
Add: No.20, Xishi Road, Xinwu District, Wuxi, China 214028 Email: info@sunportpower.com Web: www.sunportpower.com

Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP355NHEH	SPP360NHEH	SPP365NHEH	SPP370NHEH	SPP375NHEH
Max-Power(Pm)	W	355	360	365	370	375
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	35.3	35.5	35.7	35.9	36.1
Max-Power Current(Im)	A	10.06	10.14	10.23	10.31	10.39
Open-Circuit Voltage(Voc)	V	42.6	42.8	43.0	43.2	43.4
Short-Circuit Current(Isc)	A	10.53	10.62	10.70	10.78	10.87
Module Efficiency(ηm)	%	19.7	20.0	20.3	20.6	20.8
STC: AM=1.5，Irradiation 1000W/m², Module Temperature 25°C						

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP355NHEH	SPP360NHEH	SPP365NHEH	SPP370NHEH	SPP375NHEH
Max-Power(Pm)	W	266	270	274	278	282
Max-Power Voltage(Vm)	V	32.5	32.7	32.9	33.1	33.3
Max-Power Current(Im)	A	8.20	8.26	8.33	8.40	8.47
Open-Circuit Voltage(Voc)	V	39.8	40.0	40.02	40.4	40.6
Short-Circuit Current(Isc)	A	8.70	8.77	8.84	8.90	8.97
NMOT: Irradiation800W/m², ambient temperature 20°C, Wind Speed 1m/s						

Temperature Coefficient

Nominal Module Operating Temperature	43±2°C
Temperature coefficient of Pmax	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of Isc	0.06%/°C

Package

Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HC	806 / 858	31

Mechanical Characteristics

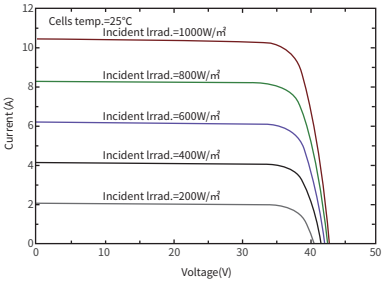
Dimension(L×W×H)	1772mmx1016mmx35mm
Weight	20kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	126(21×6) / Mono / 162.75mm(Half-cell)
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Silver
Junction Box	IP67 / IP68
Cable	4mm², 350mm (+) / 150mm (-)；Customizable
Connector	MC4 Compatible

Operating Conditions

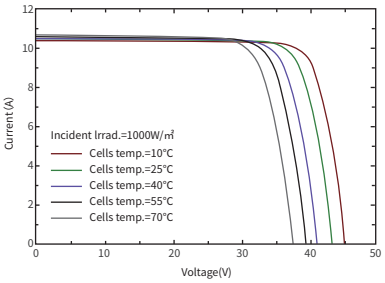
Max System Voltage	1500V(TUV)
Max Fuse Rated Current	15A
Operating Temperature Range	-40°C～+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	ϕ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

I-V Curve

I-V Curve at different irradiation (SPP365NHEH)



I-V Curve at different irradiation (SPP365NHEH)



Module Size