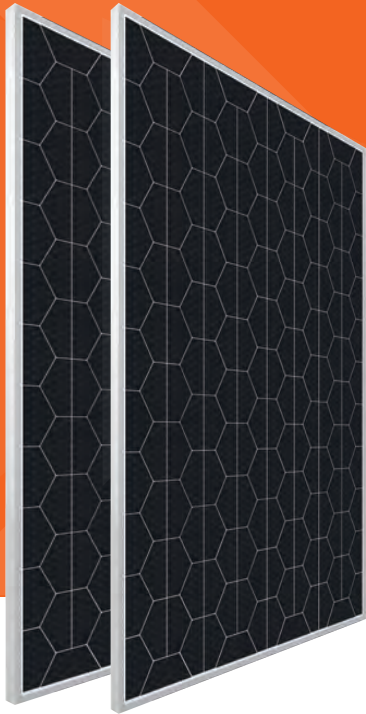


X Honeycomb Series

X8 · 330-355W Honeycomb MWT Mono Module
176 (16 × 11) / Mono (Hexagonal Half-cell)

20.1%

Module efficiency up to 20.1%



Honeycomb MWT PV Module

Densest Array
Honeycomb design with hexagonal structure for higher efficiency MWT modules

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

High Efficiency
MWT back contact cell and modules with busbar-free design and higher efficiency

30 Superior Warranty
The only single-glass module with 30-year power warranty by LLOYD'S&PICC worldwide

Pb Lead Free
Eco-friendly PV design achieves Lead-free without soldering materials

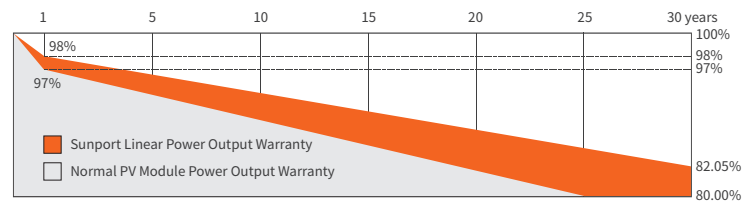
Reinsurance Coverage for 30 Years

12 year
Quality Warranty

30 year
Performance Warranty

Insured by PICC and LLOYD'S

PICC LLOYD'S



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

Honeycomb · MWT Solar Cell

- Without busbars, bigger exposure area by 3%.
- By half-cell structure, the internal current and series resistance loss are reduced and the power is higher.



Comprehensive Qualifications

- ★ ISO 9001:2015 Quality Management System
- ★ ISO 14001:2015 Environment Management System
- ★ ISO 45001:2018 Occupation Health Safety Management System



Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP330THAH	SPP335THAH	SPP340THAH	SPP345THAH	SPP350THAH	SPP355THAH
Max-Power(Pm)	W	330	335	340	345	350	355
Power Tolerance	W	0~+5					
Max-Power Voltage(Vm)	V	48.6	48.8	49.0	49.2	49.4	49.6
Max-Power Current(I _m)	A	6.79	6.87	6.94	7.01	7.09	7.16
Open-Circuit Voltage(Voc)	V	58.8	59.0	59.2	59.4	59.6	59.8
Short-Circuit Current(Isc)	A	7.12	7.20	7.27	7.35	7.43	7.50
Module Efficiency(η)	%	18.7	19.0	19.3	19.6	19.8	20.1

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP330THAH	SPP335THAH	SPP340THAH	SPP345THAH	SPP350THAH	SPP355THAH
Max-Power(Pm)	W	250	254	258	262	266	270
Max-Power Voltage(Vm)	V	44.6	44.8	45.0	45.2	45.4	45.6
Max-Power Current(I _m)	A	5.61	5.67	5.73	5.80	5.86	5.93
Open-Circuit Voltage(Voc)	V	55.0	55.2	55.4	55.6	55.8	56.0
Short-Circuit Current(Isc)	A	5.96	6.02	6.09	6.16	6.22	6.30

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 Isc	0.06%/°C

Package

Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HC	840	30

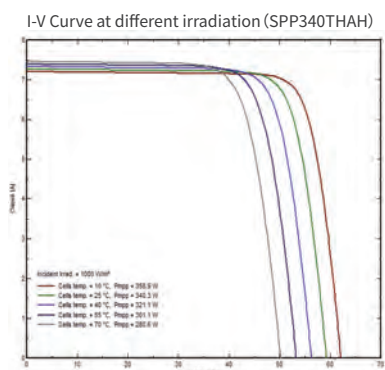
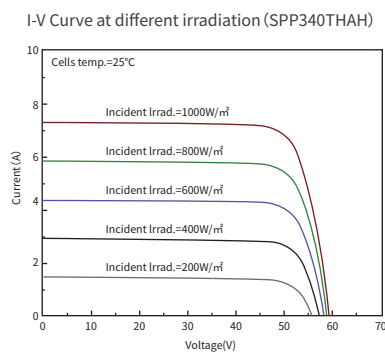
Mechanical Characteristics

Dimension(L×W×H)	1662mmx1063mmx35mm
Weight	19.5kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	176 (16×11) / Mono
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Silver
Junction Box	IP67 / IP68
Cable	According to the order
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



Module Size

