



Classic Series

**C6 · 310-330W
MWT Module Mono 60 Cells**

Australian Version

Manufactured in China

20.3%

Module efficiency up to 20.3%

Benchmark MWT PV Module



High Efficiency

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



Superior Warranty

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



High ROI

Higher return of investment with higher power output



High Reliability

Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition



Aesthetic Design

Busbar-free design, unique and graceful finger pattern on the solar cell surface, customized pattern design also available



Lead Free

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

Reinsurance Coverage for 30 Years

12 year

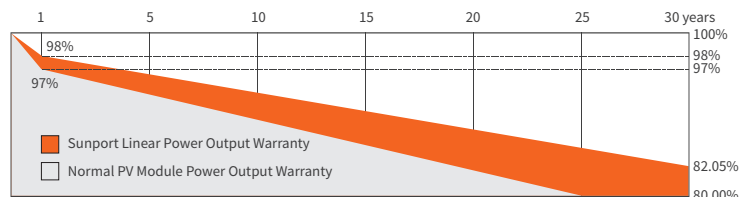
Quality
Warranty

30 year

Performance
Warranty

Insured by PICC and LLOYD'S

PICC LLOYD'S



※1st year degradation less than 2%, 30 years linear power output 82.05% guaranteed.

Comprehensive Qualifications & Certifications

- ★IEC 61215, IEC 61730, IEC 61701, IEC 62716, IEC 60068-2-68.
- ★ISO 9001:2015 Quality Management System
- ★ISO 45001: 2018 Occupation Health Safety Management System

- ★CQC&CGC Top Runner Advanced Technology Certification (4A class)
- ★ISO 14001:2015 Environment Management System
- ★TUV NORD and UK NQA Quality System Certification



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Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP310M60H	SPP315M60H	SPP320M60H	SPP325M60H	SPP330M60H
Max-Power(Pm)	W	310	315	320	325	330
Power Tolerance				0~+3%		
Max-Power Voltage(Vm)	V	32.0	32.2	32.4	32.6	32.8
Max-Power Current(I _m)	A	9.69	9.79	9.88	9.97	10.07
Open-Circuit Voltage(Voc)	V	39.2±3%	39.4±3%	39.6±3%	39.8±3%	40.0±3%
Short-Circuit Current(I _{sc})	A	10.20±5%	10.28±5%	10.36±5%	10.44±5%	10.52±5%
Module Efficiency(η _m)	%	19.1	19.4	19.7	20.0	20.3

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP310M60H	SPP315M60H	SPP320M60H	SPP325M60H	SPP330M60H
Max-Power(Pm)	W	232	236	240	244	248
Max-Power Voltage(Vm)	V	29.3	29.5	29.7	29.9	30.1
Max-Power Current(I _m)	A	7.93	8.01	8.09	8.17	8.25
Open-Circuit Voltage(Voc)	V	35.9	36.0	36.1	36.2	36.3
Short-Circuit Current(I _{sc})	A	8.35	8.43	8.51	8.59	8.67

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 (frame height 35mm)	40' HC	868	31
Container (frame height 30mm)	40' HC	1008	36

Mechanical Characteristics

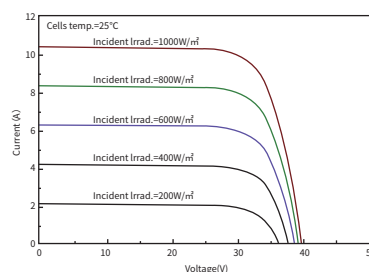
Dimension(L×W×H)	1640mmx992mmx35/30mm
Weight	18.5kg
Glass Type	High Transmittance Anti-reflective Coated Tempered Glass / 3.2mm
Solar Cell	60(10x6) / Mono / 6 inches
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Silver
Junction Box	IP67 / IP68
Cable	1000mm / 4mm ²
Connector	TL-CABLE01S QC4.10-cd

Operating Conditions

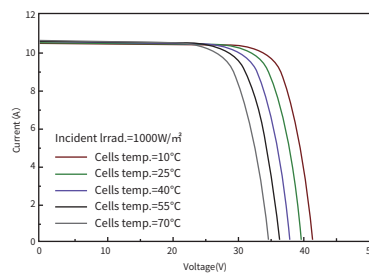
Max System Voltage	1500V(TUV)
Max Fuse Rated Current	15A
Operating Temperature Range	-40°C~+85°C
Mechanical Load	5400Pa (front) /2400Pa (rear)
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A
Fire Safety Class	Class C according to ANSI/UL 1703-2018

I-V Curve

I-V Curve at different irradiation (SPP320M60H)



I-V Curve at different temperature (SPP320M60H)



Module Size

