



Flex Series

S6 · 305-325W MWT Mono PERC Flexible Module

19.8%

Module efficiency up to 19.8%



Flexible PV Module

- Light, Thin Design**
1.4mm thickness, 4kg weight, leading level in PV industry
- BIPV Application**
Further integrate with buildings in terms of shape and installation for BIPV application
- High Reliability**
Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition

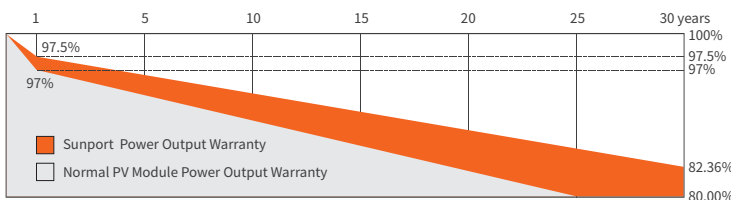
- Ultra Flexible**
Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.25m
- High Efficiency**
MWT back contact cell and modules with busbar-free design and higher efficiency
- Lead Free**
Eco-friendly PV design achieves Lead-free MWT module without soldering materials

Insured by LLOYD'S

LLOYD'S

12 year
Quality
Warranty

25 year
Performance
Warranty



※1st year degradation less than 2.5%, 25 years power output 82.36% guaranteed.

Comprehensive Qualifications & Certifications

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



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Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP305M60S	SPP310M60S	SPP315M60S	SPP320M60S	SPP325M60S
Max-Power(Pm)	W	305	310	315	320	325
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	32.6	32.8	33.0	33.2	33.4
Max-Power Current(Im)	A	9.36	9.45	9.55	9.64	9.73
Open-Circuit Voltage(Voc)	V	39.7	39.9	40.1	40.3	40.5
Short-Circuit Current(Isc)	A	9.75	9.83	9.90	9.99	10.08
Module Efficiency(ηm)	%	18.6	18.9	19.2	19.5	19.8

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP305M60S	SPP310M60S	SPP315M60S	SPP320M60S	SPP325M60S
Max-Power(Pm)	W	228	232	236	240	244
Max-Power Voltage(Vm)	V	29.8	30.0	30.2	30.4	30.6
Max-Power Current(Im)	A	7.64	7.73	7.81	7.89	7.97
Open-Circuit Voltage(Voc)	V	36.4	36.5	36.6	36.7	36.8
Short-Circuit Current(Isc)	A	7.94	8.05	8.12	8.20	8.30

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

Temperature Coefficient

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

Operating Conditions

Max. system voltage	DC1500V(IEC)
Max. series fuse rating	15A
Operating temperature range	-40°C~+85°C
Bending radius	≥0.20m

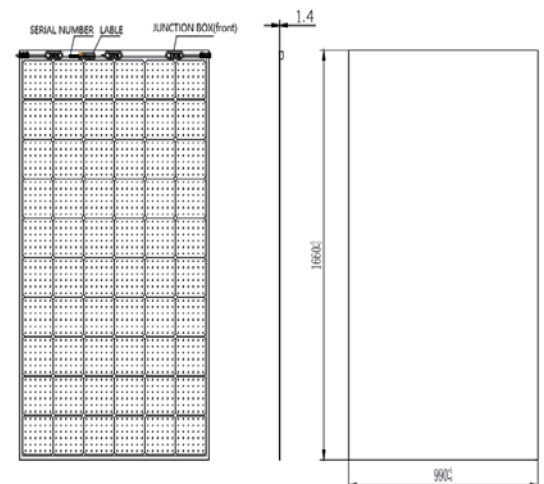
Mechanical Characteristics

Dimension(L×W×H)	1660mmx990mmx1.4mm
Weight	4.0 kg
Back material	Back Sheet(white, transparent, black)
Cell (quantity / material / type / dimensions)	60(10x6) / Monocrystalline / 158.75mm
Encapsulant	EVA
Frame	None
Junction box(protection degree)	IP68
Cable (length/cross-section area)	customizable / 4mm ²
Connector	MC4 Compatible

Package

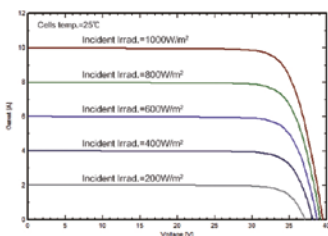
Container Size	Quantity(pcs)	Quantity(per pallet)
40' HC	1196	46

Module Size



I-V Curve

I-V Curves of SPP320M60S at different irradiance



I-V Curves of SPP320M60S at different cell temperature

