



Flex Series

S6 · 310-330W

MWT Mono PERC Flexible Module

21.53%

Module efficiency up to 21.53%

Flexible PV Module

- Light, Thin Design**
1.4mm thickness, 4.3kg 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

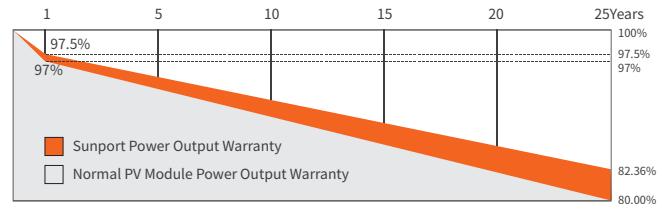
- Ultra Flexible**
Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.25m
- High Efficiency**
MWT back contact cell and modules with busbar-free design and higher efficiency
- Lead Free**
Eco-friendly PV design achieves Lead-free MWT module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

Reinsurance Coverage for 25 Years

12 year
Quality Warranty

25 year
Performance Warranty

Insured by **LLOYD'S**



※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	SPP310M60S	SPP315M60S	SPP320M60S	SPP325M60S	SPP330M60S
Max-Power(Pm)	W	310	315	320	325	330
Power Tolerance	W	0~+5				
Max-Power Voltage(Vm)	V	32.8	33.0	33.2	33.4	33.6
Max-Power Current(Im)	A	9.45	9.55	9.64	9.73	9.82
Open-Circuit Voltage(Voc)	V	39.9	40.1	40.3	40.5	40.7
Short-Circuit Current(Isc)	A	9.83	9.90	9.99	10.08	10.2
Effective Module Efficiency(ηm)	%	20.22	20.55	20.88	21.20	21.53

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP310M60S	SPP315M60S	SPP320M60S	SPP325M60S	SPP330M60S
Max-Power(Pm)	W	232	236	240	244	248
Max-Power Voltage(Vm)	V	30.0	30.2	30.4	30.6	30.8
Max-Power Current(Im)	A	7.73	7.81	7.89	7.97	8.05
Open-Circuit Voltage(Voc)	V	36.5	36.6	36.7	36.8	36.9
Short-Circuit Current(Isc)	A	8.05	8.12	8.20	8.30	8.41

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

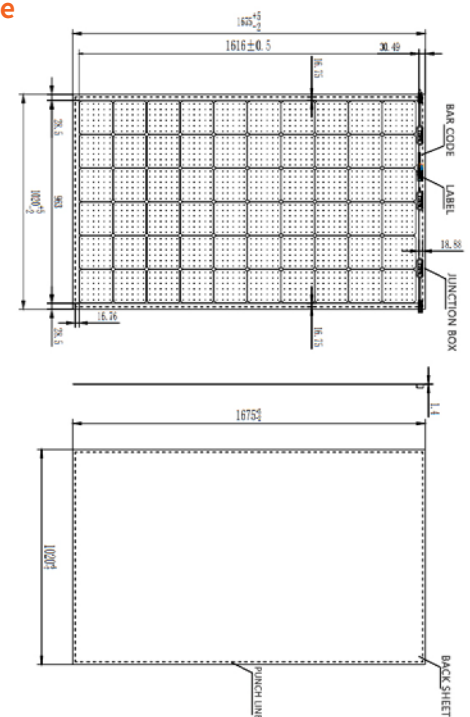
Mechanical Characteristics

Effective Module Dimension(L×W)	1598.75mm×958.75mm
Module Installation Dimension(L×W×H)	1675mm×1020mm×1.4mm
Weight	4.3 kg
Back material	Back Sheet(white, transparent, black)
Cell (quantity / material / type / dimensions)	60(10x6) / Monocrystalline / 158.75mm
Encapsulant	EVA/POE
Frame	None
Junction box(Protection degree)	IP68
Cable (length/cross-section area)	Customizable / 4mm ²
Connector	MC4 Compatible
Mounting Hole	Aperture 5mm

Package

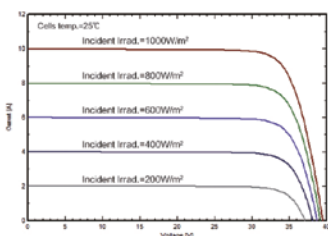
Container Size	Quantity(pcs)	Quantity(per pallet)
40' HQ	1104	46

Module Size



I-V Curve

I-V Curves of SPP320M60S at different irradiance



I-V Curves of SPP320M60S at different cell temperature

