



Flex Series

S-FLEX 6 II · 340-360W
MWT Mono PERC Flexible Module

21.2%

Module efficiency up to 21.2%

Flexible PV Module

- Light, Thin Design**
1.4mm thickness, 4.7kg 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

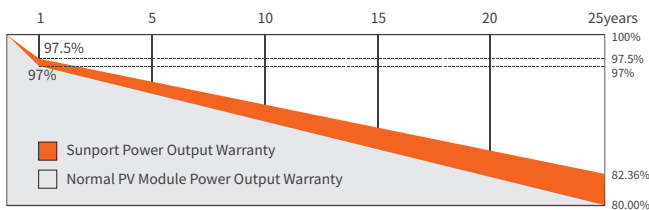
- Ultra Flexible**
Ultra-thin silicon wafers with advanced organic polymer encapsulation materials
- High Efficiency**
MWT back contact cell and modules with busbar-free design and higher efficiency
- Lead Free**
Eco-friendly PV design achieves Lead-free MWT module without soldering materials

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



Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP340NHES	SPP345NHES	SPP350NHES	SPP355NHES	SPP360NHES
Max-Power(Pm)	W	340	345	350	355	360
Power Tolerance	W			0~+5		
Max-Power Voltage(Vm)	V	34.7	34.9	35.1	35.3	35.5
Max-Power Current(I _m)	A	9.80	9.89	9.98	10.06	10.14
Open-Circuit Voltage(Voc)	V	42.0	42.2	42.4	42.6	42.8
Short-Circuit Current(I _{sc})	A	10.26	10.36	10.45	10.53	10.62
Module Efficiency(η _m)	%	20.0	20.3	20.6	20.9	21.2

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP340NHES	SPP345NHES	SPP350NHES	SPP355NHES	SPP360NHES
Max-Power(Pm)	W	255	259	263	266	270
Max-Power Voltage(Vm)	V	32.6	32.8	33.0	33.2	33.4
Max-Power Current(I _m)	A	7.82	7.89	7.97	8.02	8.09
Open-Circuit Voltage(Voc)	V	39.3	39.5	39.6	39.8	40.0
Short-Circuit Current(I _{sc})	A	8.29	8.37	8.44	8.51	8.58

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

Temperature Coefficient

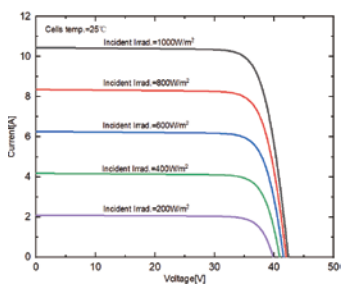
Nominal Module Operating Temperature	43±2°C
Temperature coefficient of P _{max}	-0.36%/°C
Temperature coefficient of Voc	-0.28%/°C
Temperature coefficient of I _{sc}	0.06%/°C

Mechanical Characteristics

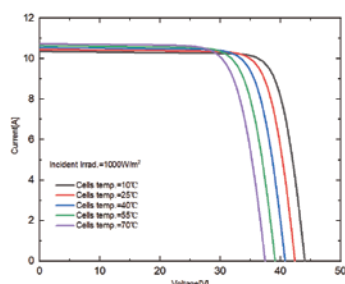
Actual Module Dimension(L×W)	1728.9mmx981.5mm
Module Installation Dimension(L×W×H)	1840mmx1040mmx1.4mm
Weight	4.7kg
Back material	Back Sheet(white)
Cell (quantity / material / type / dimensions)	21*6/ Monocrystalline / 162.75mm
Encapsulant	EVA
Frame	None
Junction box(protection degree)	IP68
Cable (length/cross-section area)	customizable / 4mm ²
Connector	MC4 Compatible

I-V Curve

I-V Curves of SPP350NHES at different irradiance



I-V Curves of SPP350NHES at different cell temperature



Operating Conditions

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

Package

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

Module Size

