

Flex Series

S6 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

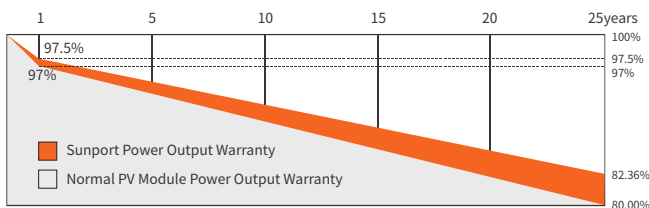
- Ultra Flexible**
Ultra-thin silicon wafers with advanced organic polymer encapsulation materials
- High Efficiency**
MWT back contact cell and modules with busbar-free design and higher efficiency
- Lead Free**
Eco-friendly PV design achieves Lead-free MWT module without soldering materials

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

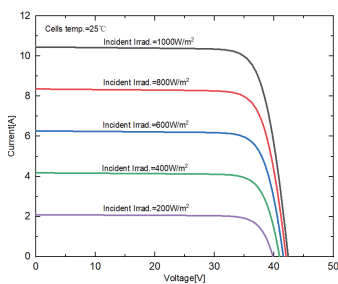
| | |
|---|-----------|
| Nominal Module Operating Temperature | 43±2°C |
| Temperature coefficient of P _{max} | -0.36%/°C |
| Temperature coefficient of Voc | -0.28%/°C |
| Temperature coefficient of I _{sc} | 0.06%/°C |

Mechanical Characteristics

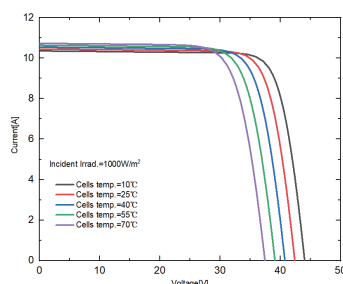
| | |
|--|----------------------------------|
| Actual Module Dimension(L×W) | 1728.9mmx981.5mm |
| Module Installation Dimension(L×W×H) | 1840mmx1040mmx1.4mm |
| Weight | 4.7kg |
| Back material | Back Sheet(white) |
| Cell (quantity / material / type / dimensions) | 21*6/ Monocrystalline / 162.75mm |
| 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

