

**Flex Series**

**S-FLEX 6 II · 355-375W**  
MWT Mono PERC Flexible Module

**22.1%**

Module efficiency up to 22.1%

### Features

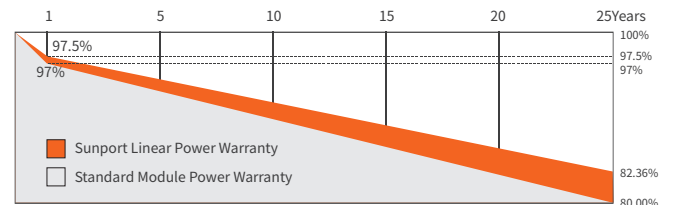
- Light, Thin design**  
5.7kg weight, 2.5mm thickness, match various requirements for low-load projects
- Customizable**  
Customized design for different scenarios
- High Efficiency And Reliability**  
Busbar-free design increases cell conversion efficiency, more power output can be achieved at low irradiance conditions

- Ultra Flexible**  
Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.30m, fit all kinds of curved surface perfectly
- Convenient Installation**  
Easy installation and convenient transportation with lower cost
- Lead Free**  
Eco-friendly PV design achieves lead-free MWT module without soldering materials

### Reinsurance Coverage for 25 Years



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



## Electrical Characteristics at Standard Test Conditions(STC)

| Spec/Model                                   | Unit | SPP355NHES | SPP360NHES | SPP365NHES | SPP370NHES | SPP375NHES |
|--|------|------------|------------|------------|------------|------------|
| Max-Power(Pm)                                | W    | 355        | 360        | 365        | 370        | 375        |
| Power Tolerance                              | W    |            |            | 0~5%       |            |            |
| Max-Power Voltage(Vm)                        | V    | 34.6       | 34.8       | 35.0       | 35.2       | 35.4       |
| Max-Power Current(I <sub>m</sub> )           | A    | 10.27      | 10.36      | 10.44      | 10.52      | 10.60      |
| Open-Circuit Voltage(Voc)                    | V    | 42.5       | 42.7       | 42.9       | 43.1       | 43.3       |
| Short-Circuit Current(I <sub>sc</sub> )      | A    | 10.76      | 10.85      | 10.94      | 11.02      | 11.09      |
| Effective Module Efficiency(η <sub>m</sub> ) | %    | 20.9       | 21.2       | 21.5       | 21.8       | 22.1       |

STC: AM=1.5, Irradiation 1000W/m<sup>2</sup>, Module Temperature 25°C Power Tolerance ±3%

## Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

| Spec/Model                              | Unit | SPP355NHES | SPP360NHES | SPP365NHES | SPP370NHES | SPP375NHES |
|---|------|------------|------------|------------|------------|------------|
| Max-Power(Pm)                           | W    | 267        | 271        | 275        | 279        | 283        |
| Max-Power Voltage(Vm)                   | V    | 32.7       | 32.9       | 33.1       | 33.3       | 33.5       |
| Max-Power Current(I <sub>m</sub> )      | A    | 8.17       | 8.25       | 8.32       | 8.39       | 8.46       |
| Open-Circuit Voltage(Voc)               | V    | 39.8       | 40.0       | 40.2       | 40.4       | 40.6       |
| Short-Circuit Current(I <sub>sc</sub> ) | A    | 8.68       | 8.75       | 8.81       | 8.88       | 8.95       |

NMOT: Irradiation 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind Speed 1m/s

## Temperature Coefficient

|   |           |
|---|-----------|
| Nominal Module Operating Temperature        | 43±2°C    |
| Temperature coefficient of P <sub>max</sub> | -0.36%/°C |
| Temperature coefficient of Voc              | -0.28%/°C |
| Temperature coefficient of I <sub>sc</sub>  | 0.06%/°C  |

## Operating Conditions

|                             |              |
|-----------------------------|--------------|
| Max. system voltage         | DC1500V(IEC) |
| Max. series fuse rating     | 18A          |
| Operating temperature range | -40°C~+85°C  |

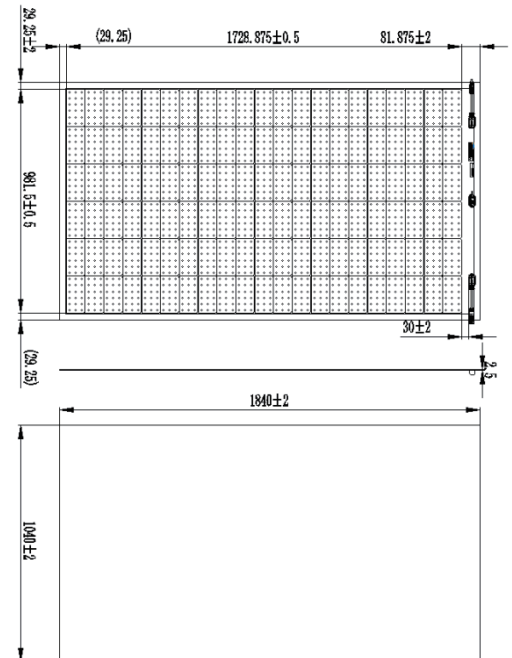
## Mechanical Characteristics

|  |                                 |
|--|---------------------------------|
| Installation Module Dimension (L×W×H)          | 1840mmx1040mmx2.5mm             |
| Weight   | 5.7 kg                          |
| Back material                                  | Back Sheet(white)               |
| Cell (quantity / material / type / dimensions) | 126(21x6) / Mono / Half-cell    |
| Encapsulant                                    | POE                             |
| Frame  | None                            |
| Junction box(Protection degree)                | IP68                            |
| Cable (length/cross-section area)              | Customizable / 4mm <sup>2</sup> |
| Connector                                      | MC4 Compatible                  |
| Bending radius                                 | 0.3m                            |

## Package

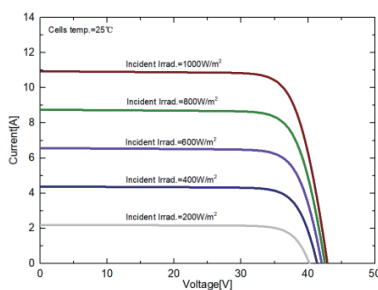
| Transportation | Container Size | Quantity(pcs) | Quantity(per pallet) |
|----------------|----------------|---------------|----------------------|
| Container      | 40' HQ         | 1104          | 46                   |

## Module Size



## I-V Curve

I-V Curves of SPP365NHES at different irradiance



I-V Curves of SPP365NHES at different cell temperature

