

# Flex Series

## S-FLEX 6 II · 360-380W MWT Mono PERC Flexible Module

**21.5%**  
Module efficiency up to 21.5%

### Features

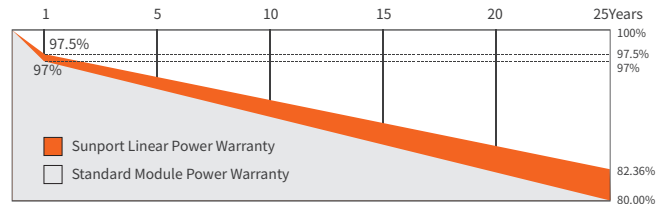
- Full Black**  
All black design for more elegant applications
- Light, Thin design**  
5.7kg weight, 2.5mm thickness, match various requirements for low-load projects
- High Efficiency And Reliability**  
Busbar-free design increases cell conversion efficiency, more power output can be achieved at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

**12 year**  
Quality  
Warranty

**25 year**  
Performance  
Warranty

Insured by LLOYD'S  
**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	SPP360QHEs	SPP365QHEs	SPP370QHEs	SPP375QHEs	SPP380QHEs
Max-Power(Pm)	W	360	365	370	375	380
Power Tolerance	W			0~5%		
Max-Power Voltage(Vm)	V	34.7	34.9	35.1	35.3	35.5
Max-Power Current(I <sub>m</sub> )	A	10.37	10.46	10.54	10.62	10.70
Open-Circuit Voltage(Voc)	V	42.4	42.6	42.8	43.0	43.2
Short-Circuit Current(I <sub>sc</sub> )	A	10.94	11.02	11.10	11.18	11.26
Module Efficiency(η <sub>m</sub> )	%	20.4	20.7	21.0	21.2	21.5

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	SPP360QHEs	SPP365QHEs	SPP370QHEs	SPP375QHEs	SPP380QHEs
Max-Power(Pm)	W	270	274	278	282	286
Max-Power Voltage(Vm)	V	32.6	32.8	33.0	33.2	33.4
Max-Power Current(I <sub>m</sub> )	A	8.28	8.35	8.42	8.49	8.56
Open-Circuit Voltage(Voc)	V	39.7	39.9	40.1	40.3	40.5
Short-Circuit Current(I <sub>sc</sub> )	A	8.84	8.91	8.98	9.05	9.12

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
Connector	MC4 Compatible

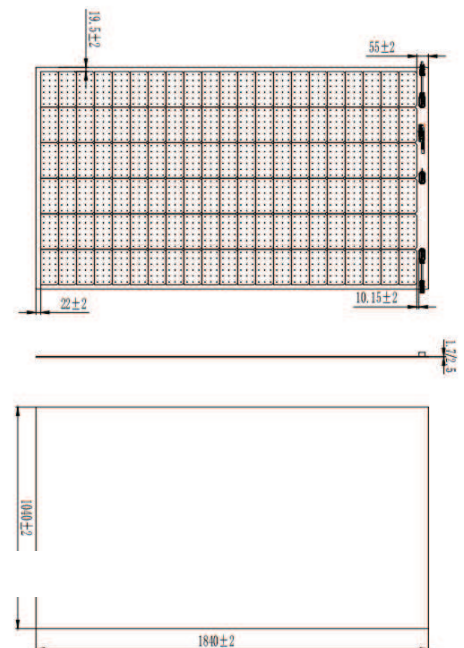
## Mechanical Characteristics

Installation Module Dimension (L×W×H)	1840mmx1040mmx2.5mm
Weight	5.7kg
Back material	Back Sheet(black)
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>
Bending radius	0.3m

## Package

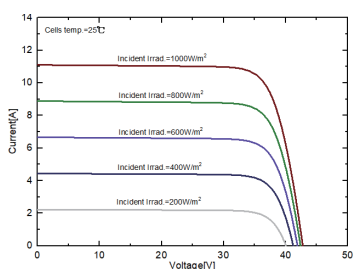
Container Size	Quantity(pcs)	Quantity(per pallet)
40' HQ	1104	46

## Module Size



## I-V Curve

I-V Curves of SPP370QHEs at different irradiance



I-V Curves of SPP370QHEs at different cell temperature

