

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

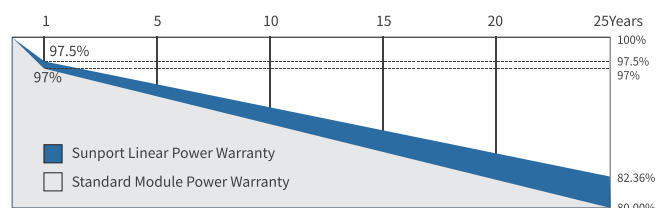
- 
Ultra Flexible
 Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.30m, fit all kinds of curved surface perfectly
- 
Convenient Installation
 Easy installation and convenient transportation with lower cost
- 
Lead Free
 Eco-friendly PV design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

Reinsurance Coverage for 25 Years



Insured by LLOYD'S

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



هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority



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 _m)	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(Isc)	A	10.76	10.85	10.94	11.02	11.09
Effective Module Efficiency(η _m)	%	20.9	21.2	21.5	21.8	22.1
STC: AM=1.5, Irradiation 1000W/m ² , Module Temperature 25℃ 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 _m)	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(Isc)	A	8.68	8.75	8.81	8.88	8.95
NMOT: Irradiation 800W/m ² , Ambient temperature 20℃, Wind Speed 1m/s						

Temperature Coefficient

Nominal Module Operating Temperature	43±2℃
Temperature coefficient of P _{max}	-0.36%/℃
Temperature coefficient of Voc	-0.28%/℃
Temperature coefficient of Isc	0.06%/℃

Operating Conditions

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

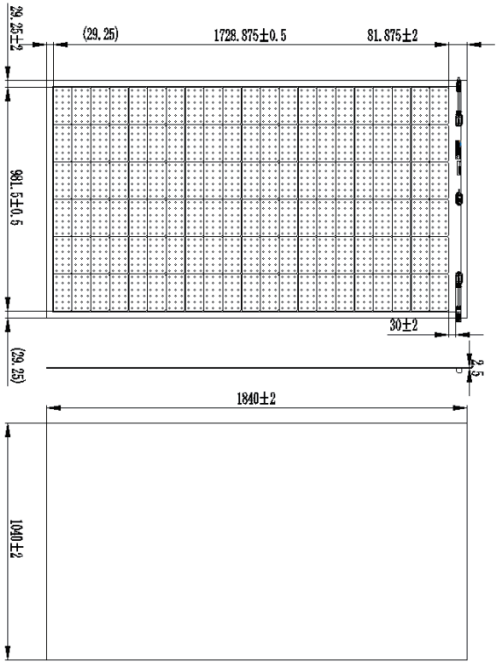
Mechanical Characteristics

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 ²
Connector	MC4 Compatible
Bending radius	0.3m

Package

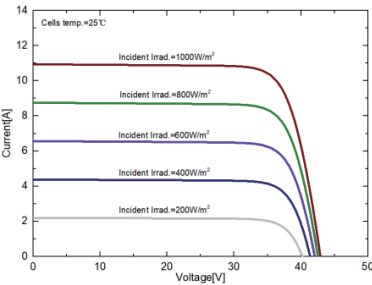
Transportation	Container Size	Quantity(pcs)	Quantity(per pallet)
Container	40' HQ	1104	46

Module Size



I-V Curve

I-V Curves of SPP365NHES at different irradiance



I-V Curves of SPP365NHES at different cell temperature

