

Hanergy Mono Flex Series




355-375W




Monocrystalline Flexible Solar Module

22.1%

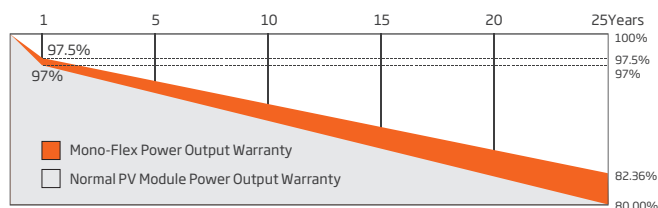
Module efficiency up to 22.1%

Features

- 
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

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Ultra Flexible
 Ultra-thin silicon wafers with advanced organic polymer encapsulation materials, minimum bending radius reach 0.25m
- 
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

Coverage for 25 Years



※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	355M	360M	365M	370M	375M
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(I _{sc})	A	10.76	10.85	10.94	11.02	11.09
Module Efficiency(η _m)	%	20.9	21.2	21.5	21.8	22.1

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

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	355M	360M	365M	370M	375M
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(I _{sc})	A	8.68	8.75	8.81	8.88	8.95

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

Operating Conditions

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

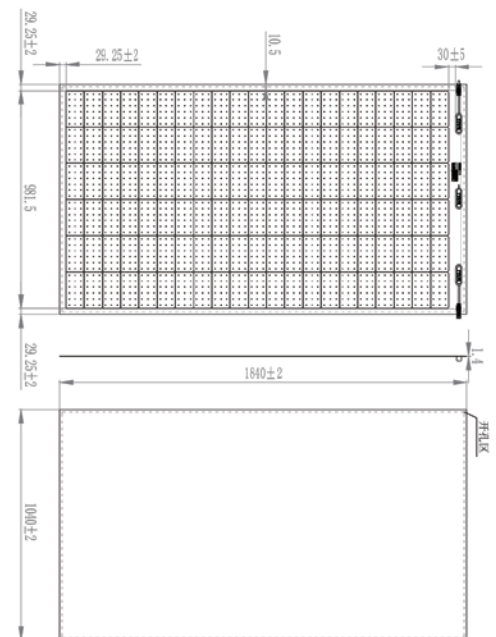
Mechanical Characteristics

Module Installation Dimension(L×W×H)	1840mm×1010mm×1.4mm
Weight	4.7kg
Back material	Back Sheet(white)
Cell (quantity / material / type / dimensions)	126(21x6) / Mono / 162.75mm(Half-cell)
Encapsulant	POE
Frame	None
Junction box(protection degree)	IP68
Cable (length/cross-section area)	Customizable / 4mm ²
Connector	MC4 Compatible

Package

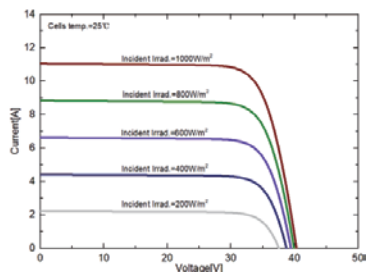
Container Size	Quantity(pcs)	Quantity(per pallet)
40'HQ	1104	46

Module Size



I-V Curve

I-V Curves of 365M at different irradiance



I-V Curves of 365M at different cell temperature

