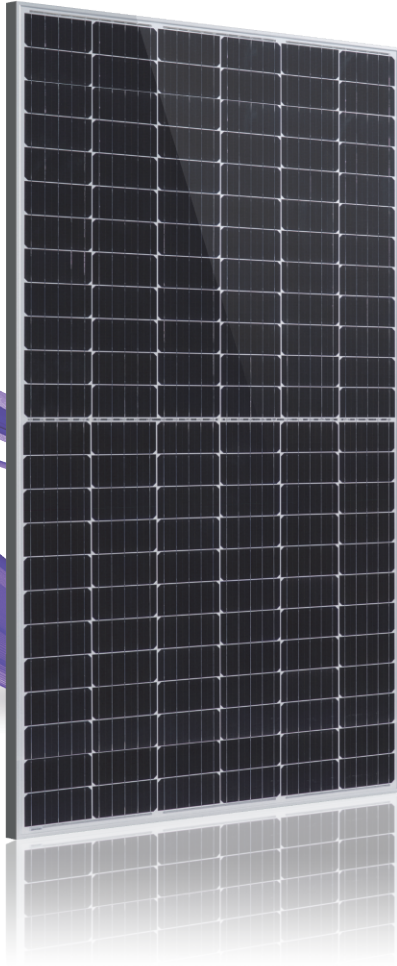


URE

United Renewable Energy Co., Ltd.

EN



F7M_H8A / 144 cells

370W - 390 W

Mono-Crystalline PV Module

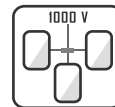
URE Peach module uses URE state-of-the-art cell cutting technology, and advanced module manufacturing experiences.



Key Features



100% EL inline inspection
Better module reliability



Design for 1000 VDC
Reduce the system BOS effectively



Withstand heavy loading
front load 5400 Pa & rear load 2400 Pa



Excellent low light performance
3.5% relative eff. Reduction at low-irradiance (200W/m²)



For more information, please visit us at www.urecorp.com

Electrical Data

Model - STC		F7M370H8A	F7M375H8A	F7M380H8A	F7M385H8A	F7M390H8A
Maximum Rating Power (Pmax)	[W]	370	375	380	385	390
Module Efficiency	[%]	18.68	18.93	19.18	19.43	19.69
Open Circuit Voltage (Voc)	[V]	48.35	48.75	49.06	49.35	49.65
Maximum Power Voltage	[V]	39.88	40.11	40.34	40.57	40.80
Short Circuit Current (Isc)	[A]	9.79	9.86	9.93	10.00	10.07
Maximum Power Current	[A]	9.28	9.35	9.42	9.49	9.56

*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m², AM 1.5

*Values without tolerance are typical numbers.Measurement tolerance:±3%

*Assembly in China

Mechanical Data

Item	Specification
Dimensions	1997 mm (L) ¹ x 992 mm (W) ¹ x 40 mm (D) ² / 78.62" (L) ¹ x 39.1" (W) ¹ x 1.57" (D) ²
Weight	22 kg / 48.5 lbs
Solar Cell	144 half-cut monocrystalline 6" silicon cells
Front Glass	High transmission tempered glass, 3.2mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Composite film, white
Frame	Anodized aluminum alloy
Fire Rating	CLASS C
Junction Box	Tian Sheng TS03-13B;Holysun S1,
Connector type	Tian Sheng TS02;Holysun C1/C2
Packaging Configuration	(27+27+4)pcs / Pallet, 638 pcs per 40' HQ container

1 : With assembly tolerance of ± 2 mm [± 0.08"]

2 : With assembly tolerance of ± 0.8 mm [± 0.03"]

Operating Conditions

Item	Specification
Mechanical Load	5400 Pa (Certified by TUV)
Maximum System Voltage	TUV 1000 VDC
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

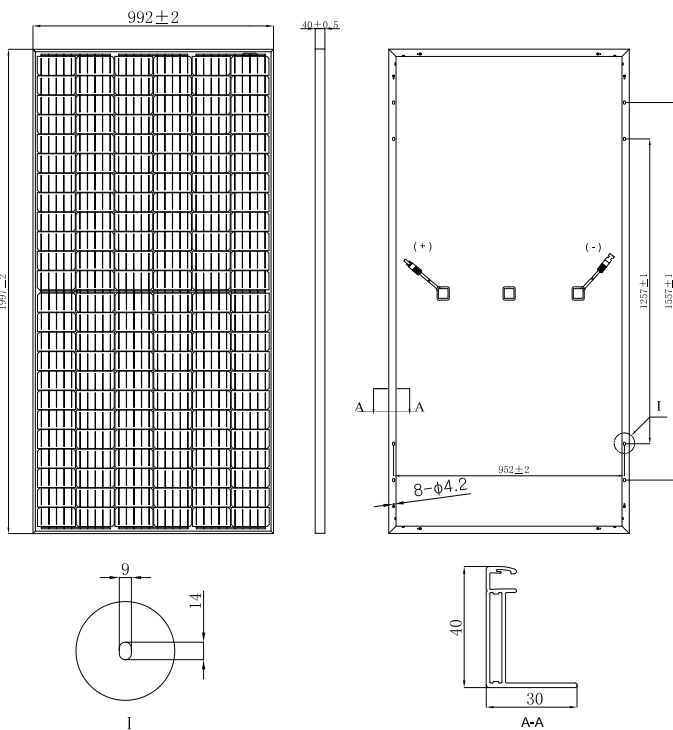
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	45°C ± 2°C
Temperature Coefficient of Isc	0.024 % / °C
Temperature Coefficient of Voc	-0.287 % / °C
Temperature Coefficient of Pmax	-0.393 % / °C

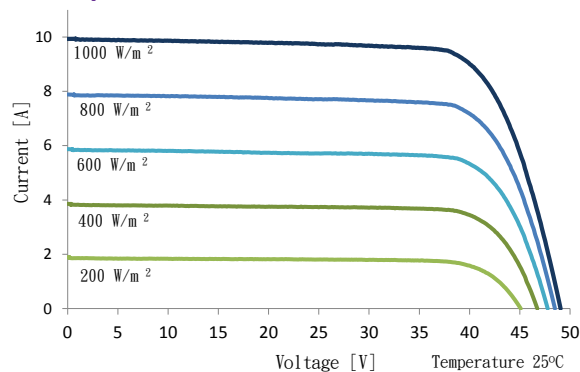
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

*Reduction in efficiency from 1000W/m² to 200W/m² at 25°C: 3 ± 2%.

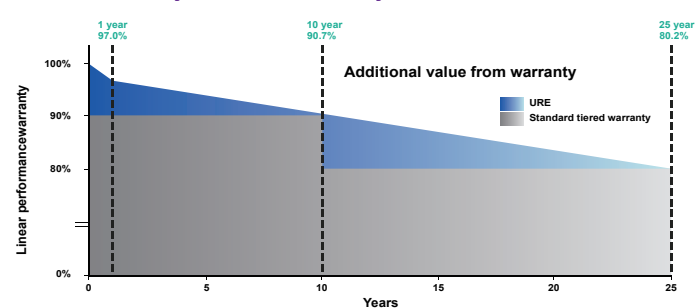
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
12
Years

For more information, please visit us at www.urecorp.com