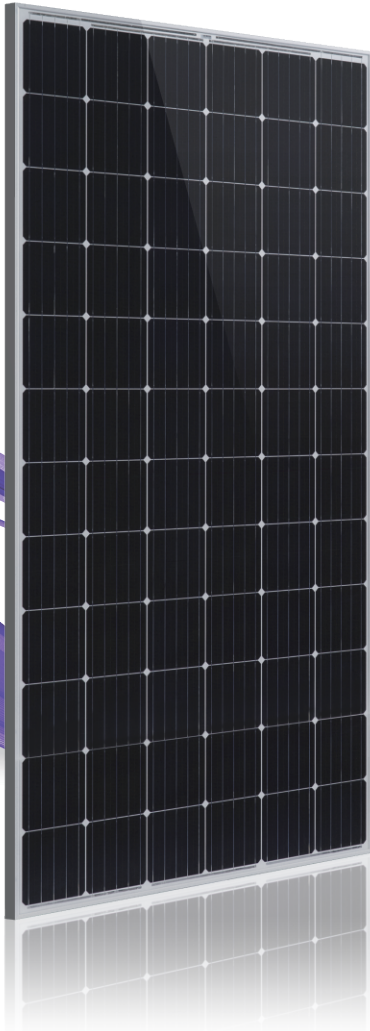


URE

United Renewable Energy Co., Ltd.

EN



F6M_H4A / 72 cells

365W - 385 W

Mono-Crystalline PV Module

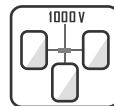
URE Power series module uses URE own high efficiency p-PERC mono crystalline solar cells with aesthetic black design, and advanced module manufacturing experiences.



Key Features



100% EL inline inspection
Better module reliability



Design for 1000 VDC
Reduce the system BOS effectively



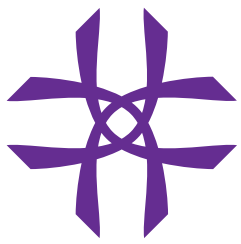
Withstand heavy loading
front load 5400 Pa & rear load 2400 Pa



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		F6M365H4A	F6M370H4A	F6M375H4A	F6M380H4A	F6M385H4A
Maximum Rating Power (Pmax)	[W]	365	370	375	380	385
Module Efficiency	[%]	18.80	19.06	19.32	19.57	19.83
Open Circuit Voltage (Voc)	[V]	47.96	48.36	48.52	48.82	49.07
Maximum Power Voltage	[V]	39.35	39.58	39.81	40.05	40.28
Short Circuit Current (Isc)	[A]	9.78	9.85	9.92	9.99	10.06
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	1957 mm (L) ¹ x 992 mm (W) ¹ x 40 mm (D) ² / 77" (L) ¹ x 39.1" (W) ¹ x 1.57" (D) ²
Weight	21.5 kg / 47.4 lbs
Solar Cell	72 monocrystalline 6" silicon cells
Front Glass	High transission 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 TS08-12/TS08-12A/TS08-15A; Holysun J2,
Connector type	Tian Sheng TS02/TS01; 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

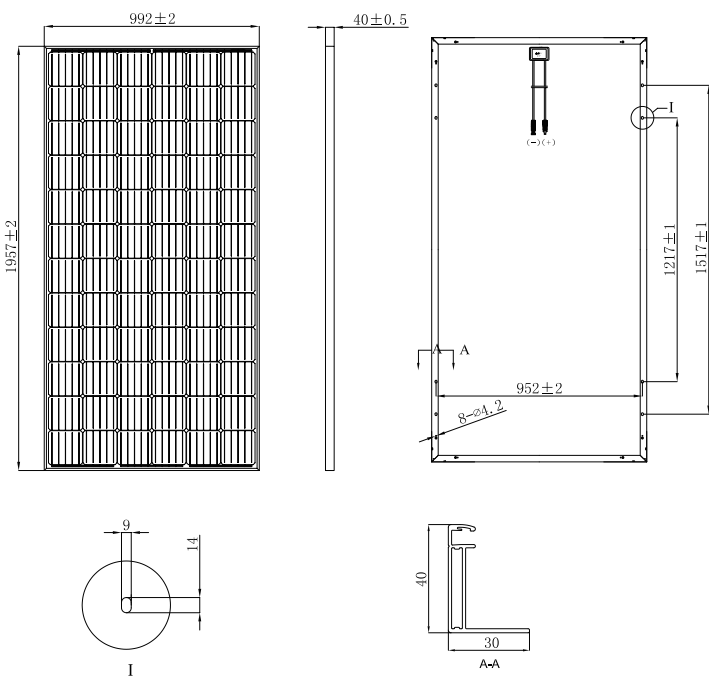
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	45°C ± 2°C
Temperature Coefficient of Isc	0.041 % / °C
Temperature Coefficient of Voc	-0.310 % / °C
Temperature Coefficient of Pmax	-0.393 % / °C

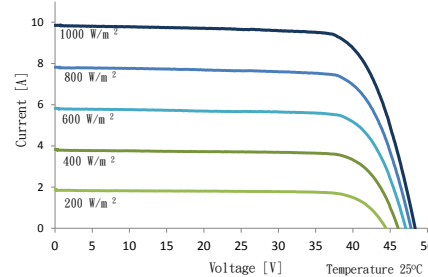
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

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

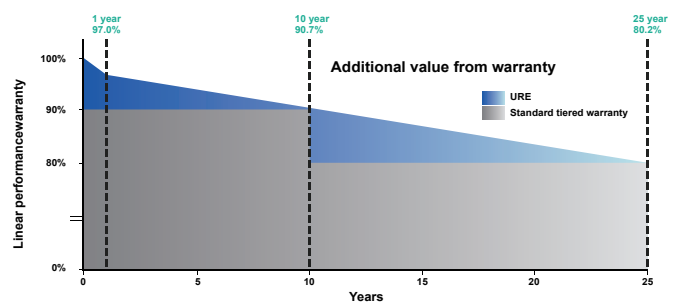
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
12
Years

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