



F7M_H7A / 120 cells

315W - 325W

Mono-Crystalline PV Module

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



Key Features



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



100% EL inline inspection
Better module reliability

a

Electric Data

Model-STC		F7M315H7A	F7M320H7A	F7M325H7A
Maximum Rating Power (Pmax)	[W]	315	320	325
Module Efficiency	[%]	18.96%	19.26%	19.56%
Open Circuit Voltage (Voc)	[V]	40.99	41.39	41.79
Maximum Power Voltage	[V]	33.80	34.08	34.36
Short Circuit Current (Isc)	[A]	9.85	9.91	9.97
Maximum Power Current	[A]	9.32	9.39	9.46

*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: CN

Mechanical Data

Item	Specification
Dimensions	1675mm (L) x 992mm (W) x (35or40) mm (D)
Weight	19.0kg
Solar Cell	120 monocrystalline 6" silicon cells
Front Glass	High transmission tempered glass, 3.2 mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Composite film, white
Junction Box	IP67
Frame	Anodized aluminium alloy
Package Configuration	(31+31+4)pcs / pallet, 858pcs / 40'HQ Container
Fire Rating	CLASS C
Junction Box	TS03-13B(Logo: tian sheng); S1(Logo: holysun)
Connector type	TS01(Logo: tian sheng); C1(Logo: holysun)

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	15A
Operating Temperature	-40 to 85 °C

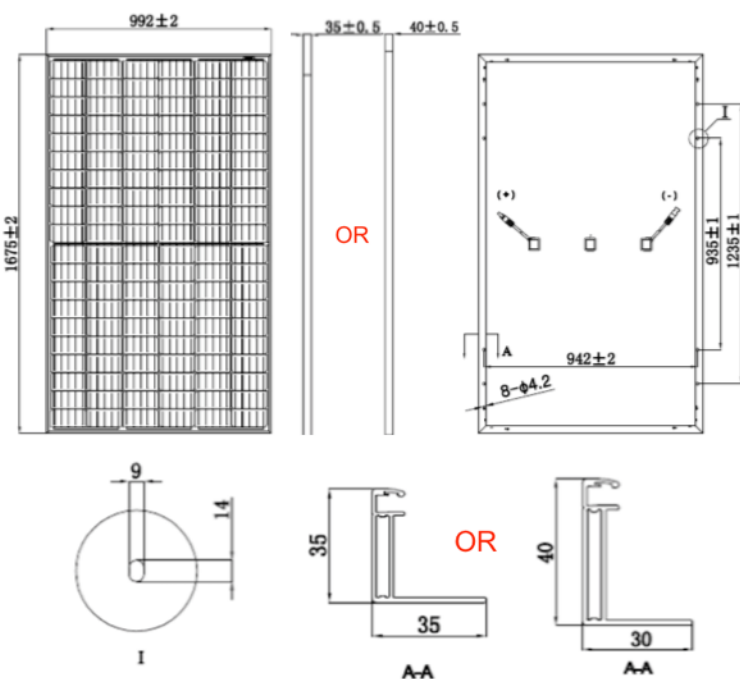
Temperature Characteristics

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

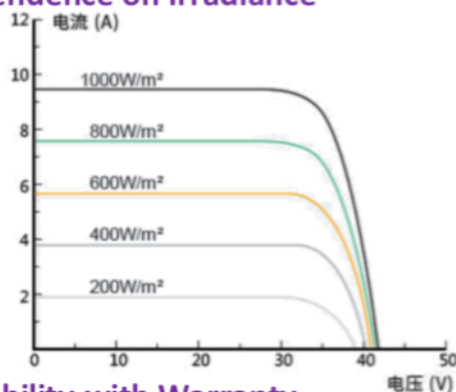
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

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

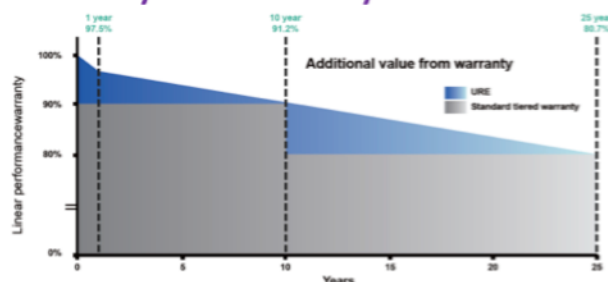
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output Warranty
25
Years

Product Guarantee
10
Years

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

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Assemble in China

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