



## PEACH

F2M\_H7A / 120 cells

305W – 325W

Mono-Crystalline PV Module (black)

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



## Key Features



Positive power tolerance  
+0 ~ +4.99 watt



100% EL inline inspection  
Better module reliability



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

## Electric Data

Model-STC		F2M305H7A	F2M310H7A	F2M315H7A	F2M320H7A	F2M325H7A
Maximum Rating Power (Pmax)	[W]	305	310	315	320	325
Module Efficiency	[%]	18.07	18.37	18.66	18.94	19.26
Open Circuit Voltage (Voc)	[V]	40.26	40.48	40.70	40.91	41.02
Maximum Power Voltage (Vmp)	[V]	32.63	32.84	33.06	33.27	33.48
Short Circuit Current (Isc)	[A]	9.82	9.91	10.00	10.09	10.18
Maximum Power Current (Imp)	[A]	9.35	9.44	9.53	9.62	9.71

\*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m<sup>2</sup>, AM 1.5

\*Values without tolerance are typical numbers.

## Mechanical Data

Item	Specification
Dimensions	1684*1002*35 mm
Weight	19.2 kg
Solar Cell	120 halfcut 6" monocrystalline cell
Front Glass	3.2mm high transmittance, reinforced glass
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Anti-aging film
Junction Box	Protection class IP 67
Frame	Anodized aluminum alloy
Package Configuration	30 pcs per Pallet, 780 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 (Test Load)	5400 Pa acc. to IEC61215
Maximum System Voltage	1000 VDC
Operating Temperature	-40 to 85 °C

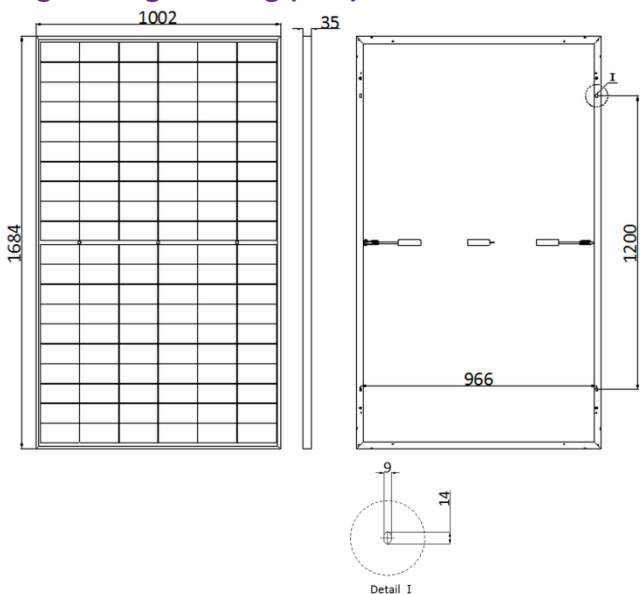
## Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	45 °C ± 2 °C
Temperature Coefficient of Isc	0.039 %/ °C
Temperature Coefficient of Voc	-0.295%/ °C
Temperature Coefficient of Pmax	-0.390%/ °C

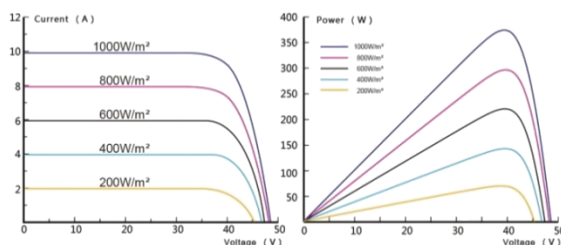
\*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m<sup>2</sup>, temperature 20°C, windspeed 1 m/s.

\*Reduction in efficiency from 1000W/m<sup>2</sup> to 200W/m<sup>2</sup> at 25°C: 3 ± 2%.

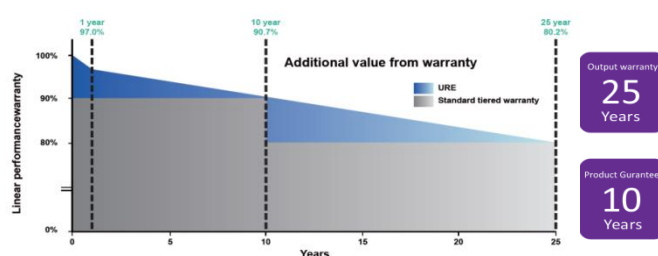
## Engineering Drawing (mm)



## Dependence on Irradiance



## Reliability with Warranty



For more information, please visit us at [www.urecorp.com](http://www.urecorp.com)

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