

FAM\_E7G-BB / 120 cells  
 345W - 365 W  
 Mono-Crystalline PV Module

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



## Key Features



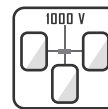
Positive power tolerance  
 +0 ~ +5 watt



100% EL inline inspection  
 Better module reliability



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



Design for 1000 VDC  
 Reduce the system BOS effectively



Excellent low light performance  
 3.5% relative eff. Reduction at low  
 (200W/m<sup>2</sup>)



### Electrical Data

Model - STC		FAM345E7G-BB	FAM350E7G-BB	FAM355E7G-BB	FAM360E7G-BB	FAM365E7G-BB
Maximum Rating Power (Pmax)	[W]	345	350	355	360	365
Module Efficiency	[%]	18.68	18.95	19.22	19.50	19.77
Open Circuit Voltage (Voc)	[V]	39.90	40.10	40.30	40.50	40.70
Maximum Power Voltage	[V]	33.40	33.60	33.80	34.00	34.20
Short Circuit Current (Isc)	[A]	11.13	11.19	11.26	11.35	11.43
Maximum Power Current	[A]	10.33	10.42	10.51	10.59	10.68

\*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m<sup>2</sup>, AM 1.5  
 \*Values without tolerance are typical numbers.Measurement tolerance: ± 3%

### Mechanical Data

Item	Specification
Dimensions	1762 mm (L) <sup>1</sup> x 1048 mm (W) <sup>1</sup> x 35 mm (D) <sup>2</sup> / 69.37" (L) <sup>1</sup> x 41.26" (W) <sup>1</sup> x 1.38" (D) <sup>2</sup>
Weight	19.6 kg / 43.21 lbs
Solar Cell	Mono / 83 mm x 166mm
Front Glass	White toughened safety glass, 3.2mm thickness
Frame	Black anodized aluminum profile
Junction Box	IP ≥67, 3 diodes
Connectors Type	MC4 Compatible
Cable	500mm (cable length can be customized), 4mm <sup>2</sup>
Packaging Configuration	31 pcs Per Pallet, 806 pcs per 40' HQ container

<sup>1</sup> : With assembly tolerance of ± 2 mm [ ± 0.08" ]  
<sup>2</sup> : With assembly tolerance of ± 0.8 mm [ ± 0.03" ]

### Operating Conditions

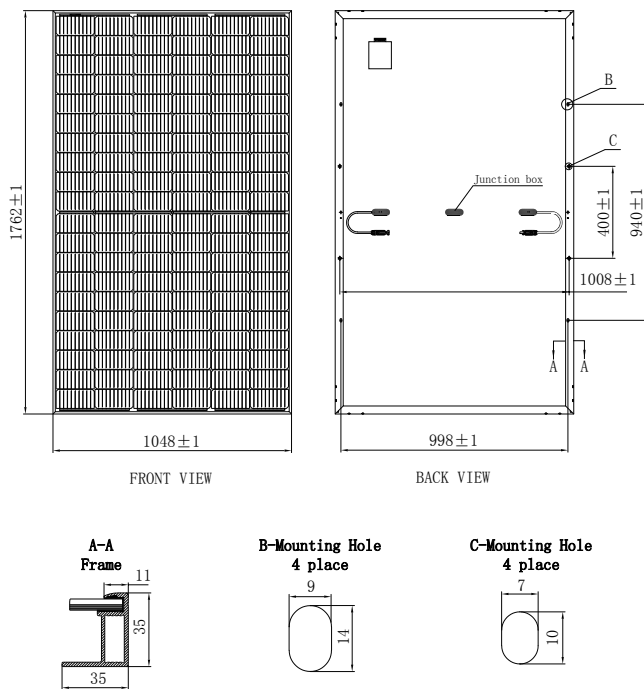
Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	1000 VDC
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

### Temperature Characteristics

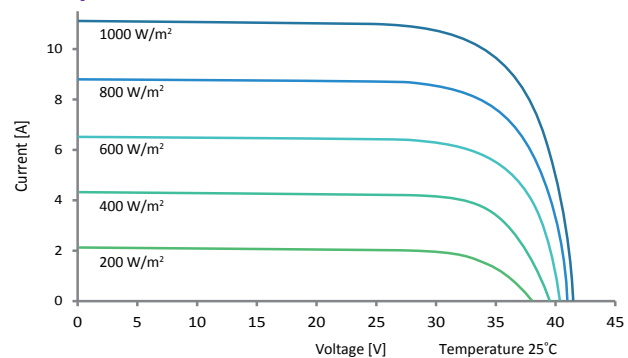
Item	Specification
Nominal Module Operating Temperature	45 °C ± 2°C
Temperature Coefficient of Isc	0.048 % / °C
Temperature Coefficient of Voc	-0.27 % / °C
Temperature Coefficient of Pmax	-0.35 % / °C

\*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: 3.5 ± 2%.

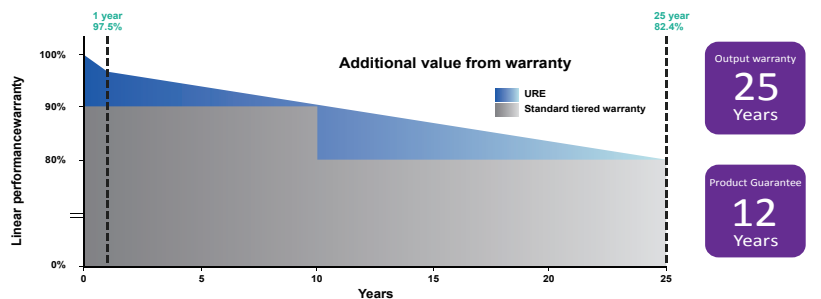
### Engineering Drawing (mm)



### Dependence on Irradiance



### Reliability with Warranty



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