



F2K\_H7D / 120 cells  
 320W - 340 W  
 Mono-Crystalline PV Module

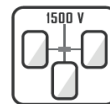
URE Peach module uses URE state-of-the-art cell cutting technology, and advanced module manufacturing experiences.



## Key Features



100% EL inline inspection  
 Better module reliability



Design for 1500 VDC  
 Reduce the system BOS effectively



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



Ammonia resistance  
 According to IEC 62716 Ed. 1



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



### Electrical Data

Model - STC		F2K320H7D	F2K325H7D	F2K330H7D	F2K335H7D	F2K340H7D
Maximum Rating Power (Pmax)	[W]	320	325	330	335	340
Module Efficiency	[%]	18.94	19.26	19.55	19.85	20.14
Open Circuit Voltage (Voc)	[V]	40.63	40.74	40.94	41.14	41.35
Maximum Power Voltage	[V]	32.99	33.20	33.41	33.61	33.80
Short Circuit Current (Isc)	[A]	10.17	10.26	10.35	10.44	10.53
Maximum Power Current	[A]	9.70	9.79	9.88	9.97	10.06

\*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	1684 mm (L) <sup>1</sup> x 1002 mm (W) <sup>1</sup> x 40 mm (D) <sup>2</sup> / 66.3" (L) <sup>1</sup> x 39.4" (W) <sup>1</sup> x 1.57" (D) <sup>2</sup>
Weight	18.6 kg
Solar Cell	120 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 frame
Cable length	1.2m
Junction Box	IP68 rated
Connector Type	MC4 compatible ,PV-A4G6
Packaging Configuration	27 pcs Per Pallet, 702 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

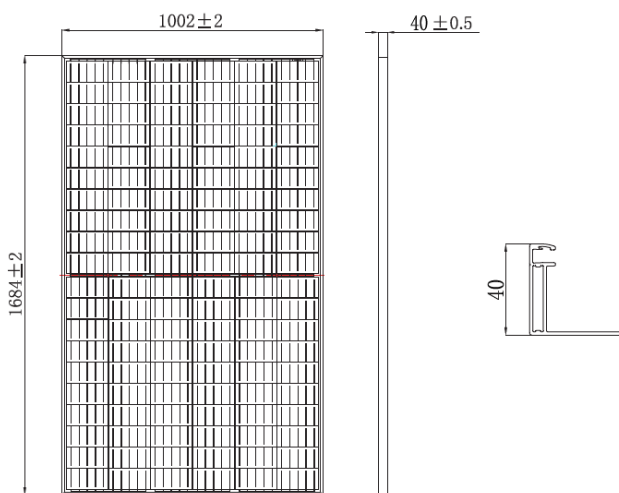
Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	1500 VDC
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

### Temperature Characteristics

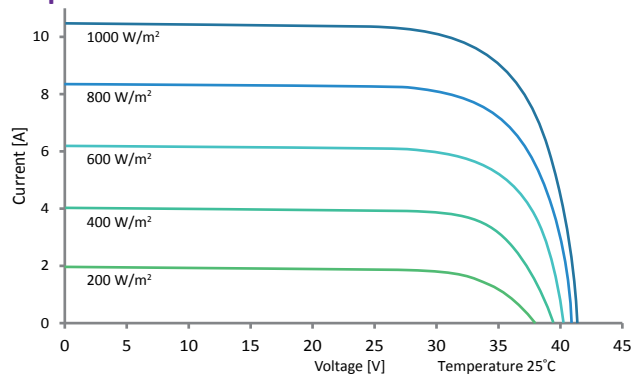
Item	Specification
Nominal Module Operating Temperature	45°C ± 2°C
Temperature Coefficient of Isc	0.039 % / °C
Temperature Coefficient of Voc	-0.295 % / °C
Temperature Coefficient of Pmax	-0.390 % / °C

\*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: 3.5 ± 2%.

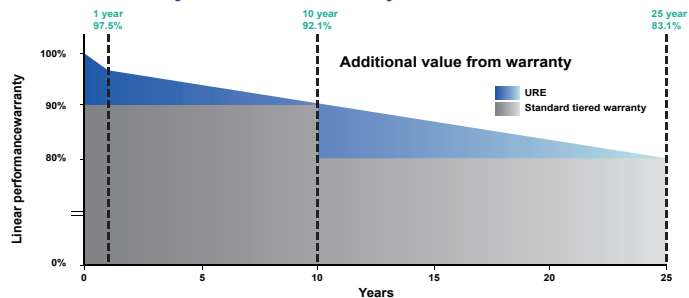
### Engineering Drawing (mm)



### Dependence on Irradiance



### Reliability with Warranty



Output warranty  
**25**  
Years

Product Guarantee  
**12**  
Years

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