

**PEACH**

F2K_H7A / 120 cells

315W - 335W

Mono-Crystalline PV Module

Key Features



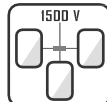
Positive power tolerance
+0 ~ +4.99 watt



100% EL inline inspection
Better module reliability



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.



Design for 1500 VDC
Reduce the system BOS effectively

Electrical Data

Model-STC		F2K315H7A	F2K320H7A	F2K325H7A	F2K330H7A	F2K335H7A
Maximum Rating Power (Pmax)	[W]	315	320	325	330	335
Module Efficiency	[%]	18.70%	19.00%	19.30%	19.60%	19.90%
Open Circuit Voltage (Voc)	[V]	40.10	40.20	40.30	40.40	40.50
Maximum Power Voltage	[V]	33.70	33.80	33.90	34.10	34.30
Short Circuit Current (Isc)	[A]	10.36	10.49	10.61	10.74	10.87
Maximum Power Current	[A]	9.37	9.49	9.60	9.69	9.78

*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m², AM 1.5

*Values without tolerance are typical numbers.

Mechanical Data

Item	Specification
Dimensions	1684mm (L) ¹ x 1002mm (W) ¹ x 35 mm (D) ²
Weight	19.0 kg
Solar Cell	120 half-cut monocrystalline 6" silicon cells
Front Glass	Anti-reflective tempered solar glass
Junction Box	IP 67 rated
Frame	Anodized aluminum frame
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 (Certified by TUV)
Maximum System Voltage	TUV / UL 1500 VDC
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

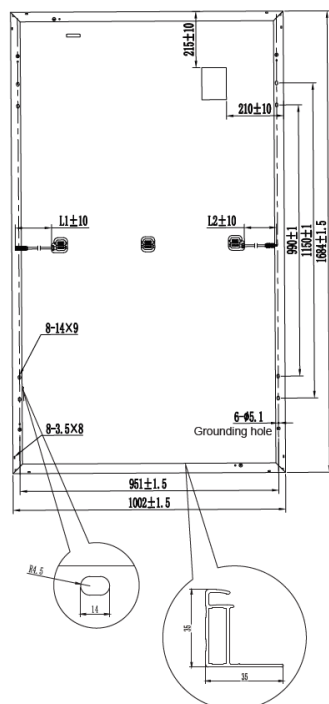
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	42 °C ± 2 °C
Temperature Coefficient of Isc	0.049 %/ °C
Temperature Coefficient of Voc	-0.39 %/ °C
Temperature Coefficient of Pmax	-0.29 %/ °C

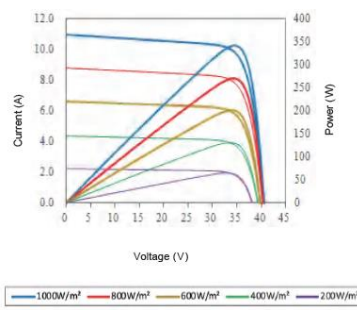
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20 °C, windspeed 1 m/s.

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

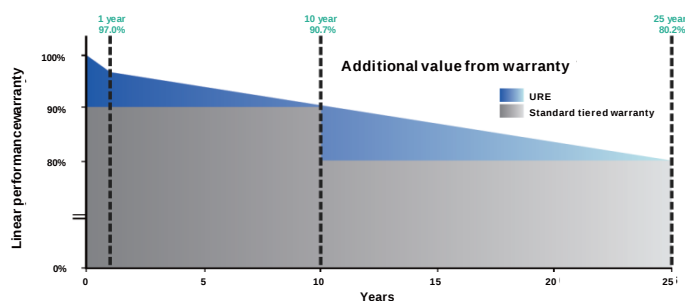
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output Warranty
25
Years

Product Guarantee
10
Years

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