URECO

EN



PEACH

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/m²)

URECO

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

Copyright © 2020 URE Corp. All rights reserved

EN

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/m², AM 1.5
*Values without tolerance are typical numbers.Measurement tolerance: ± 3%

Mechanical Data

Item	Specification
Dimensions	1684 mm (L)[1] x 1002 mm (W)[1] x 40 mm (D)[2] / 66.3" (L)[1] x 39.4" (W)[1] x 1.57" (D)[2]
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 ,Forward 01C1
Packaging Configuration	27 pcs Per Pallet, 702 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

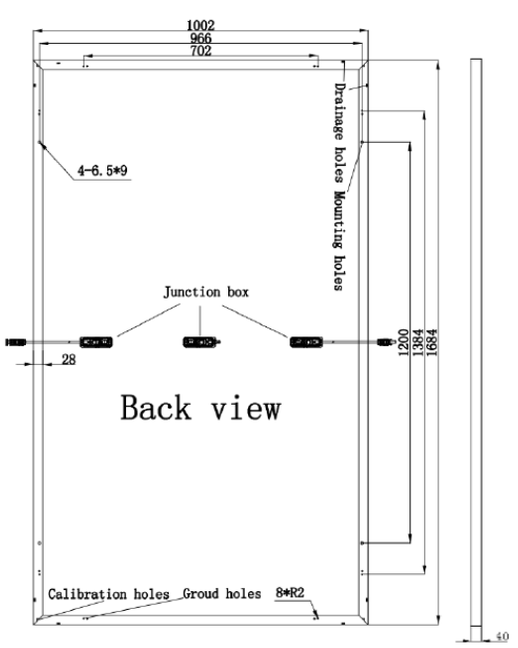
Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	1500 VDC
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

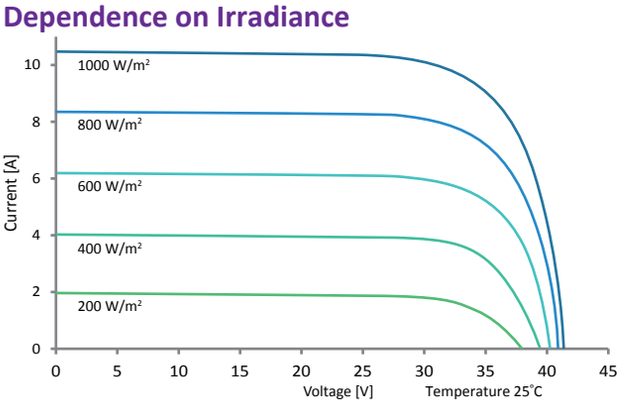
Item	Specification
Nominal Module Operating Temperature	45°C ± 2°C
Temperature Coefficient of Isc	0.039 % / °C
Temperature Coefficient of Voc	-0.295 % / °C
Temperature Coefficient of Pmax	-0.390 % / °C

*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.
*Reduction in efficiency from 1000W/m² to 200W/m² at 25°C: 3.5 ± 2%.

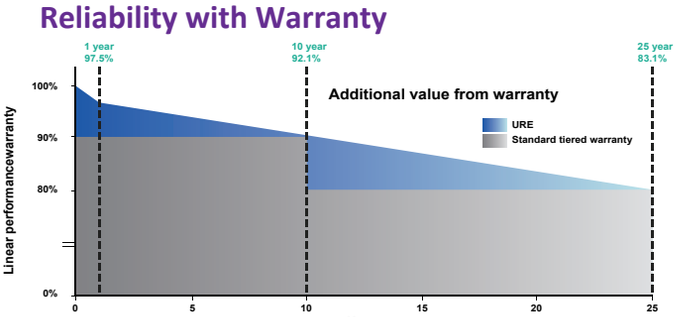
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty 25 Years

Product Guarantee 12 Years

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

United Renewable Energy Co., Ltd.

Taipei Office
9F, No. 295, Tiding Blvd. Sec. 2
Taipei, Taiwan 11493
Tel : +886-2-2656-2000
Fax : +886-2-2656-0593
e-mail : sales@urecorp.com

Headquarters
No. 7, Li-Hsin 3rd Road, Hsinchu Science Park
Hsinchu city 30078, Taiwan
Tel : +886-3-578-0011
Fax : +886-3-578-1255

Copyright © 2020 URE Corp. All rights reserved