

URE

United Renewable Energy Co., Ltd.

EN



D2K_H7A / 120 cells

330W - 350 W

Mono-Crystalline PV Module

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



Key Features



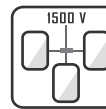
High Efficiency
High module conversion efficiency up to 20.52%



100% EL inline inspection
Better module reliability



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



Design for 1500 VDC
Reduce the system BOS effectively



NO Water pollution concern
PASS the water quality standard by E.P.A



Salt mist, Ammonia Resistant
According to IEC 61701 Severity 6 / IEC 62716



Electrical Data

Model - STC		D2K330H7A	D2K335H7A	D2K340H7A	D2K345H7A	D2K350H7A
Maximum Rating Power (Pmax)	[W]	330	335	340	345	350
Module Efficiency	[%]	19.35	19.64	19.94	20.23	20.52
Open Circuit Voltage (Voc)	[V]	40.34	40.40	40.46	40.52	40.58
Maximum Power Voltage	[V]	33.40	33.50	33.60	33.70	33.80
Short Circuit Current (Isc)	[A]	10.52	10.63	10.74	10.85	10.96
Maximum Power Current	[A]	9.88	10.00	10.12	10.24	10.36
Positive Power Tolerance		0~3%				

*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	1702 mm (L) ¹ x 1002 mm (W) ¹ x 40 mm (D) ² / 67.01" (L) ¹ x 39.45" (W) ¹ x 1.57" (D) ²
Weight	19.6 kg / 43.12 lbs
Solar Cell	120 half-cut monocrystalline 6" silicon cells
Front Glass	Anti-reflective tempered solar glass, 3.2mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate), POE (Polyolefin)
Back Cover	Composite film, white
Junction Box	IP 68 rated
Frame	Anodized aluminum frame
Packaging Configuration	26 pcs Per Pallet, 676 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 IEC 61215
Maximum System Voltage	IEC 1500 VDC
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

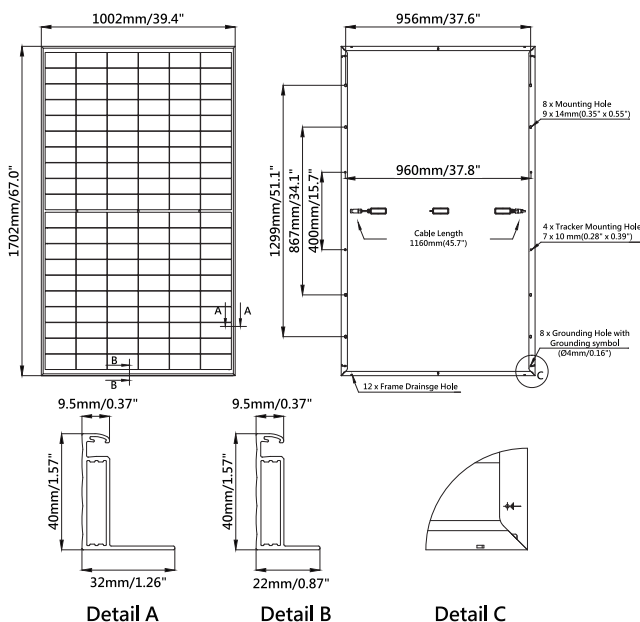
Item	Specification
Nominal Module Operating Temperature	42°C ± 2°C
Temperature Coefficient of Isc	0.06 % / °C
Temperature Coefficient of Voc	-0.31 % / °C
Temperature Coefficient of Pmax	-0.39 % / °C

*Nominal module operating temperature (NMOT): Air mass AM 1.5,

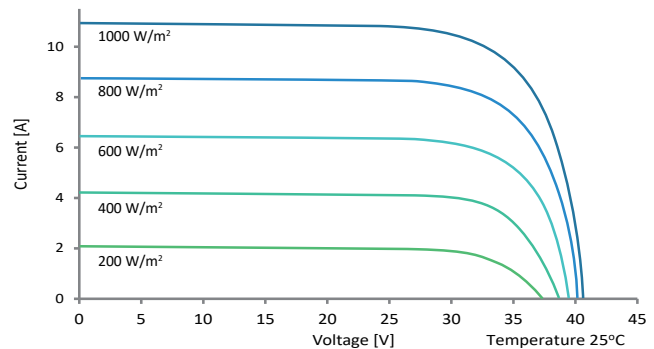
irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

*Reduction in efficiency from 1000W/m² to 200W/m² at 25°C: 3.5 ± 2%.

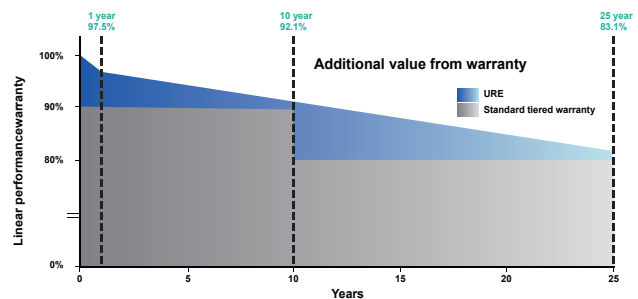
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
12
Years

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