

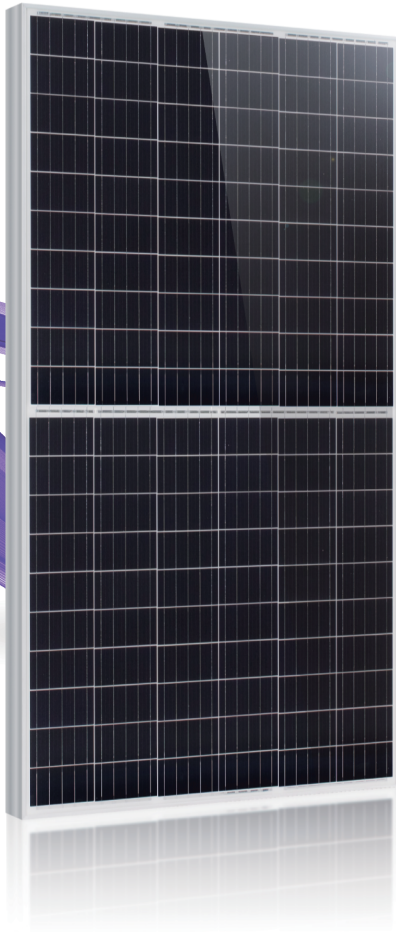


D2K\_H7A / 120 cells

335W - 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



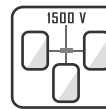
**High Efficiency**  
High module conversion efficiency up to 20.52%



**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

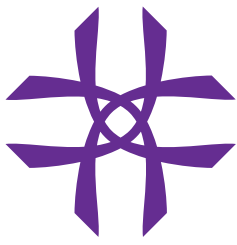


**NO Water pollution concern**  
PASS the water quality standard by E.P.A



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





# URE

United Renewable Energy Co., Ltd.

## Electrical Data

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

\*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	1702 mm (L) <sup>1</sup> x 1002 mm (W) <sup>1</sup> x 40 mm (D) <sup>2</sup> / 67.01" (L) <sup>1</sup> x 39.45" (W) <sup>1</sup> x 1.57" (D) <sup>2</sup>
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, 784 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

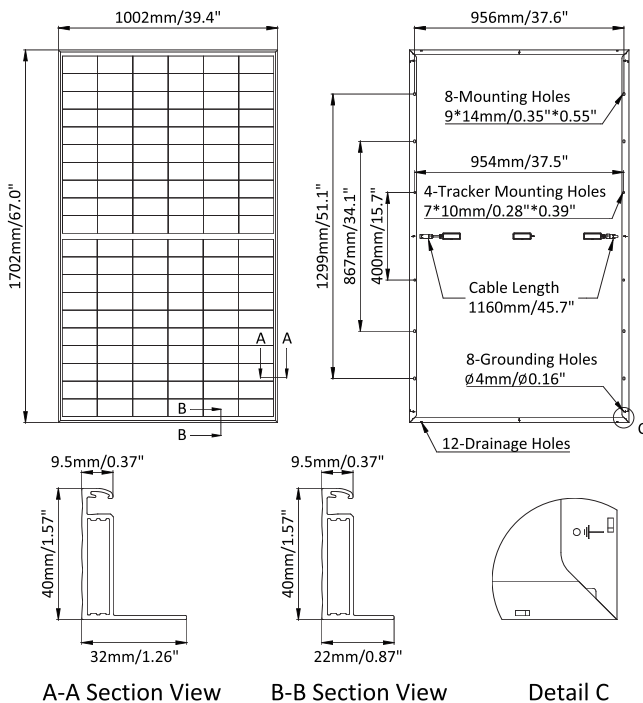
## Temperature Characteristics

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

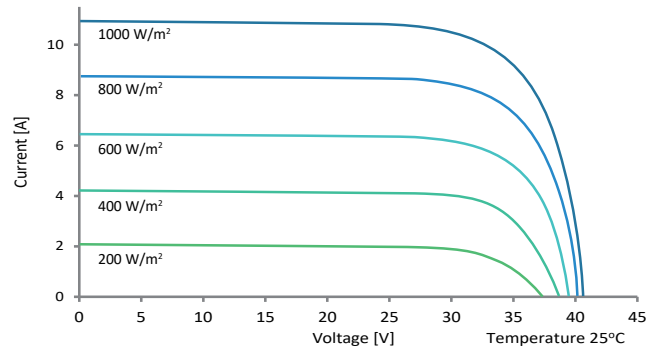
\*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m<sup>2</sup>, temperature 20°C, windspeed 1 m/s.

\*Reduction in efficiency from 1000W/m<sup>2</sup> to 200W/m<sup>2</sup> at 25°C: 3.5 ± 2%.

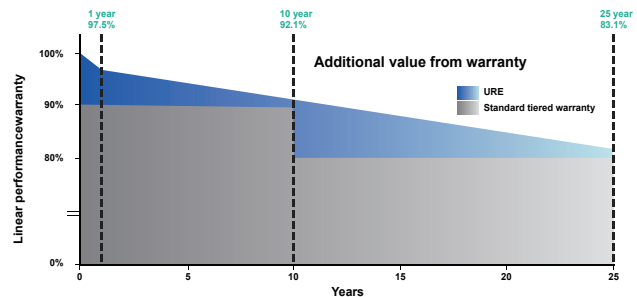
## Engineering Drawing (mm)



## Dependence on Irradiance



## Reliability with Warranty



Output warranty  
**25**  
Years

Product Guarantee  
**12**  
Years

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