




PEACH

D7M_H8A / 144 cells (IEC 1000 V)

D7K_H8A / 144 cells (UL 1500V)

365W - 390 W

Mono-Crystalline PV Module

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



Key Features



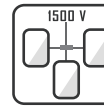
Positive power tolerance
+0 ~ +4.99 watt



100% EL inline inspection
Better module reliability



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

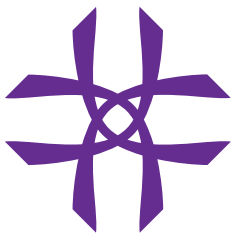


Design for 1500 VDC
Reduce the system BOS effectively



Excellent low light performance
3.5% relative eff. Reduction at low-irradiance (200W/m²)





URE

United Renewable Energy Co., Ltd.

Electrical Data

Model - STC		D7M365H8A D7K365H8A	D7M370H8A D7K370H8A	D7M375H8A D7K375H8A	D7M380H8A D7K380H8A	D7M385H8A D7K385H8A	D7M390H8A D7K390H8A
Maximum Rating Power (Pmax)	[W]	365	370	375	380	385	390
Module Efficiency	[%]	18.4	18.7	19.0	19.3	19.6	19.9
Open Circuit Voltage (Voc)	[V]	47.59	47.77	47.96	48.15	48.34	48.53
Maximum Power Voltage	[V]	38.58	39.02	39.37	39.71	40.05	40.39
Short Circuit Current (Isc)	[A]	10.02	10.05	10.08	10.10	10.13	10.16
Maximum Power Current	[A]	9.44	9.48	9.53	9.57	9.61	9.66

*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	2000 mm (L) ¹ x 992 mm (W) ¹ x 35 mm (D) ² / 78.74" (L) ¹ x 39.1" (W) ¹ x 1.38" (D) ²
Weight	23 kg / 50.7 lbs
Solar Cell	144 half-cut monocrystalline 6" silicon cells
Front Glass	Anti-reflective tempered solar glass, 3.2mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Composite film, white
Junction Box	IP 68 rated
Frame	Anodized aluminum frame, original or black
Packaging Configuration	30 pcs Per Pallet, 704 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 1000 VDC / UL 1500 VDC
Series Fuse Rating	18 A
Operating Temperature	-40 to 85 °C

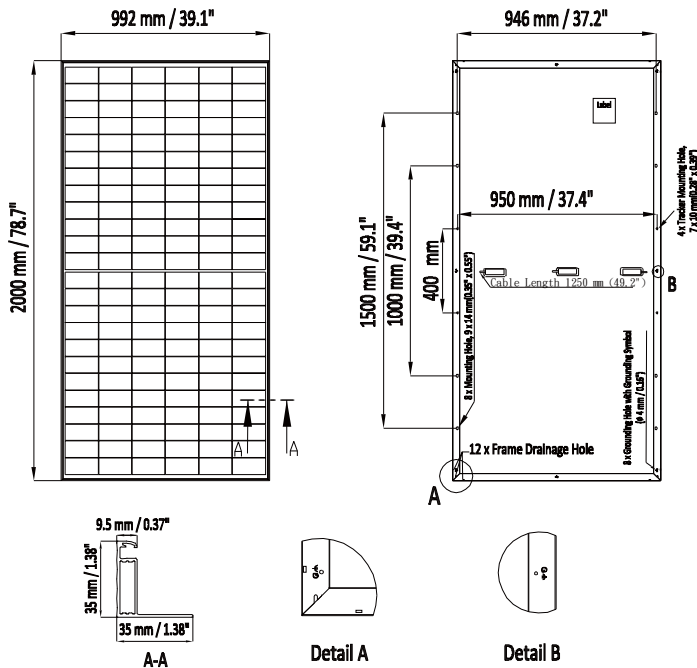
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	42°C ± 2°C
Temperature Coefficient of Isc	0.107 % / °C
Temperature Coefficient of Voc	-0.320 % / °C
Temperature Coefficient of Pmax	-0.367 % / °C

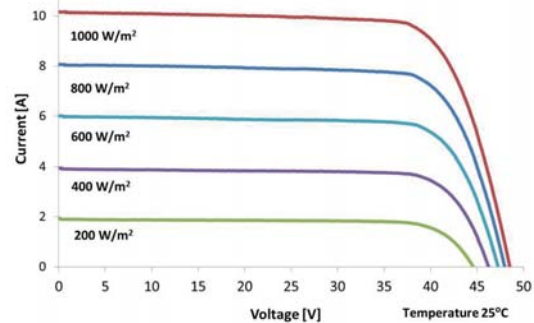
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

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

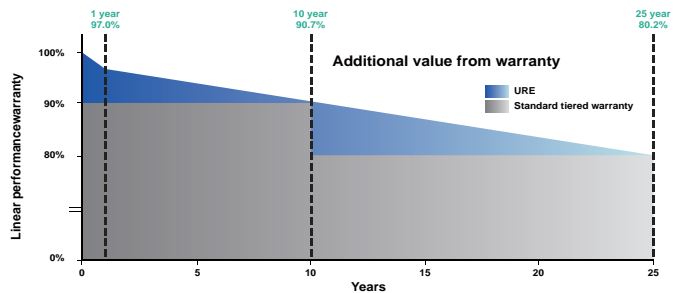
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
10
Years

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

United Renewable Energy Co., Ltd.

Taipei Office

9F, NO. 295, Sec. 2, Tiding Blvd.,
Neihu Dist., Taipei 11493, Taiwan

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