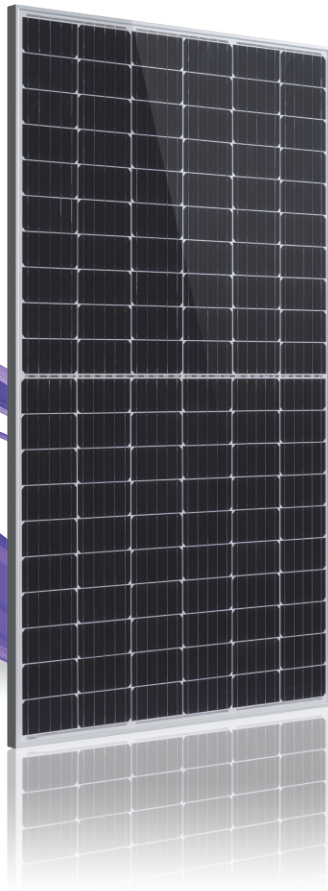




## PEACH

D7P\_H7A / 120 cells  
 270W - 295W  
 Multi-Crystalline PV Module

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



### Key Features



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



100% EL inline inspection  
 Better module reliability



Excellent low light performance  
 3.5% relative eff. reduction at  
 low-irradiance (200W/m<sup>2</sup>)



Ammonia resistance  
 According to IEC 62716 Ed. 1



## Electrical Data

Model - STC		D7P270H7A	D7P275H7A	D7P280H7A	D7P285H7A	D7P290H7A	D7P295H7A
Maximum Rating Power (Pmax)	[W]	270	275	280	285	290	295
Module Efficiency	[%]	16.3	16.6	16.9	17.2	17.5	17.8
Open Circuit Voltage (Voc)	[V]	38.90	38.97	39.10	39.27	39.38	39.51
Maximum Power Voltage	[V]	31.59	31.53	31.67	31.95	32.05	32.22
Short Circuit Current (Isc)	[A]	9.23	9.41	9.48	9.54	9.64	9.74
Maximum Power Current	[A]	8.55	8.73	8.84	8.92	9.04	9.15

\*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	1675 mm (L) <sup>1</sup> x 992 mm (W) <sup>1</sup> x 35 mm (D) <sup>2</sup> / 65.9" (L) <sup>1</sup> x 39.1" (W) <sup>1</sup> x 1.38" (D) <sup>2</sup>
Weight	19 kg / 41.9 lbs
Solar Cell	120 half-cut multicrystalline 6" silicon cells
Front Glass	Anti-reflective tempered solar glass, 3.2mm thickness
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Cover	Composite film, white
Frame	Anodized aluminum frame, original or black
Packaging Configuration	30 pcs Per Pallet, 896 pcs per 40' HQ container
Junction Box	JM17-1; JM17-2; JM17-3
Connector Type	PV-JM601 / PV-KST4/xy-UR; PV-KBT4/xy-UR / PV-KST4-EVO2/xy-UR; PV-KBT4-EVO2/xy-UR

<sup>1</sup>: With assembly tolerance of ± 2 mm [ ± 0.08"]

<sup>2</sup>: With assembly tolerance of ± 0.8 mm [ ± 0.03"]

## Operating Conditions

Item	Specification
Mechanical Load	5400 Pa (Certified by TUV Rheinland)
Maximum System Voltage	1000 VDC
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

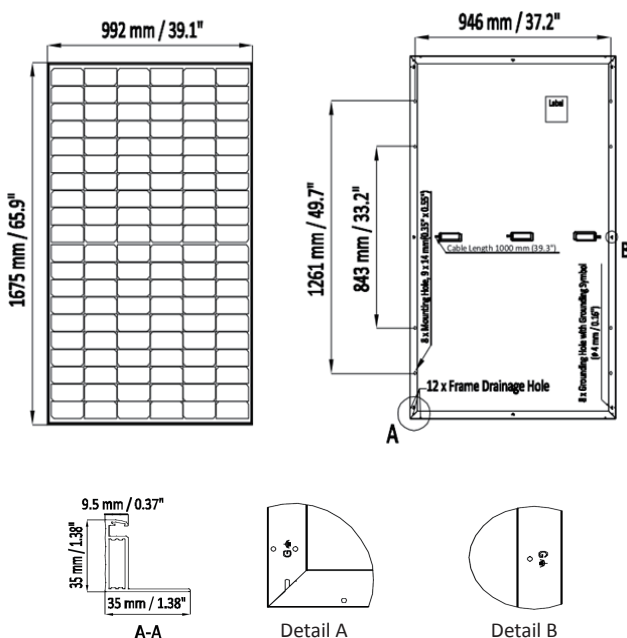
## Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	42°C ± 2°C
Temperature Coefficient of Isc	0.07 % / °C
Temperature Coefficient of Voc	-0.30 % / °C
Temperature Coefficient of Pmax	-0.367 % / °C

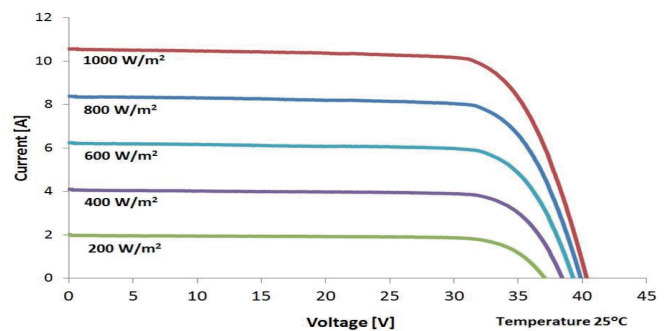
\*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m<sup>2</sup>, temperature 20°C, windspeed 1 m/s.

\*Reduction in efficiency from 1000W/m<sup>2</sup> to 200W/m<sup>2</sup> at 25°C: 3 ± 2%.

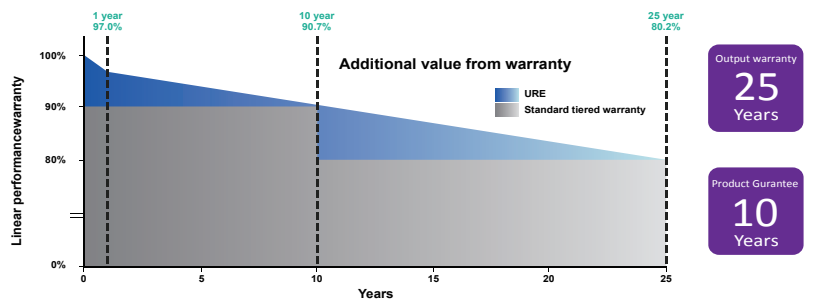
## Engineering Drawing (mm)



## Dependence on Irradiance



## Reliability with Warranty



For more information, please visit us at [www.urecorp.com](http://www.urecorp.com)