


D6M_H4A / 72 cells
 355W - 380 W
 Mono-Crystalline PV Module

URE Power series module uses URE own high efficiency p-PERC mono crystalline solar cells with aesthetic black design, and advanced module manufacturing experiences.



Key Features



Positive power tolerance
 +0 ~ +4.99 watt



100% EL inline inspection
 Better module reliability



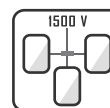
Withstand heavy loading
 front load 5400 Pa & rear load 2400 Pa



Ammonia resistance
 According to IEC 62716 Ed. 1



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



Design for 1500 VDC
 Reduce the system BOS effectively



Electrical Data

Model - STC		D6M355H4A	D6M360H4A	D6M365H4A	D6M370H4A	D6M375H4A	D6M380H4A
Maximum Rating Power (Pmax)	[W]	355	360	365	370	375	380
Module Efficiency	[%]	18.3	18.6	18.8	19.1	19.3	19.6
Open Circuit Voltage (Voc)	[V]	47.16	47.44	47.67	47.81	47.93	48.06
Maximum Power Voltage	[V]	38.63	39.01	39.38	39.40	39.45	39.55
Short Circuit Current (Isc)	[A]	9.70	9.77	9.84	9.91	9.96	10.11
Maximum Power Current	[A]	9.19	9.23	9.27	9.41	9.51	9.61

*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	1956 mm (L) ¹ x 992 mm (W) ¹ x 35 mm (D) ² / 77" (L) ¹ x 39.1" (W) ¹ x 1.38" (D) ²
Weight	23 kg / 50.7 lbs
Solar Cell	72 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 67 rated
Frame	Anodized aluminum frame, original or black
Packaging Configuration	30 pcs Per Pallet, 720 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 (Certified by TUV Rheinland)
Maximum System Voltage	TUV 1000 VDC / UL 1500 VDC
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

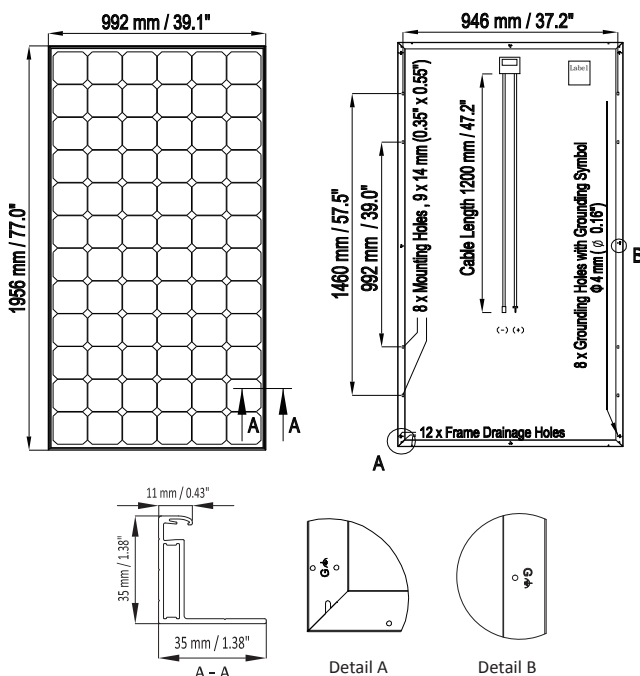
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	44°C ± 2°C
Temperature Coefficient of Isc	0.06 % / °C
Temperature Coefficient of Voc	-0.28 % / °C
Temperature Coefficient of Pmax	-0.38 % / °C

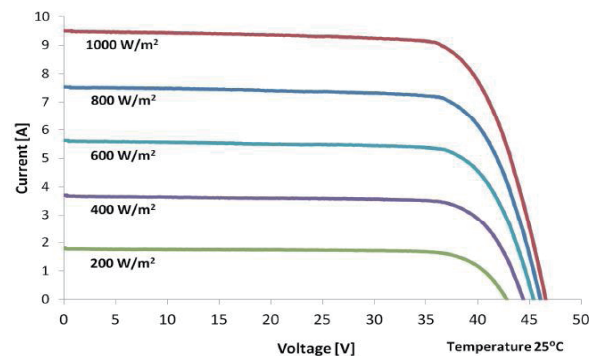
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

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

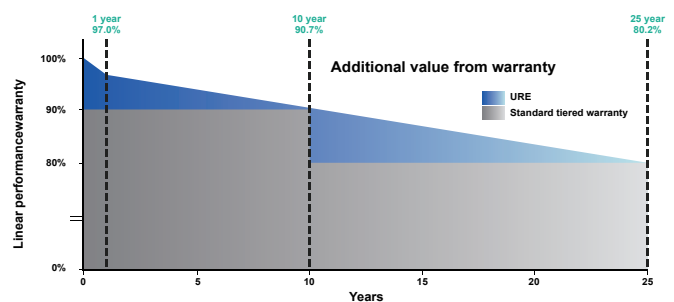
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
10
Years

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