


D6K\_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



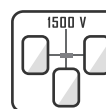
Withstand heavy loading  
 front load 5400 Pa & rear load 2400 Pa



100% EL inline inspection  
 Better module reliability



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



Design for 1500 VDC  
 Reduce the system BOS effectively



## Electrical Data

Model - STC		D6K355H4A	D6K360H4A	D6K365H4A	D6K370H4A	D6K375H4A	D6K380H4A
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	10.04	10.08	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/m<sup>2</sup>, AM 1.5

\*Values without tolerance are typical numbers. Measurement tolerance 3 %

## Mechanical Data

Item	Specification
Dimensions	1956 mm (L) <sup>1</sup> x 992 mm (W) <sup>1</sup> x 35 mm (D) <sup>2</sup> / 77" (L) <sup>1</sup> x 39.1" (W) <sup>1</sup> x 1.38" (D) <sup>2</sup>
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
Frame	Anodized aluminum frame, original or black
Packaging Configuration	30 pcs Per Pallet, 720 pcs per 40' HQ container
Junction Box	JM1BD
Connector type	PV-JM601A / PV-JM608 / PV-KST4-EVO2/xy-UR(male); PV-KBT4-EVO2/xy-UR(female)

<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	1500 VDC
Series Fuse Rating	18 A
Operating Temperature	-40 to 85 °C

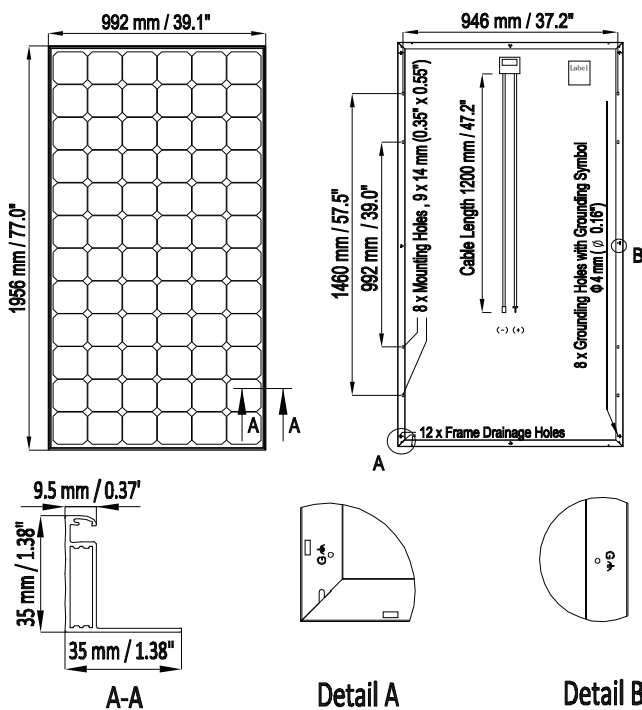
## Temperature Characteristics

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

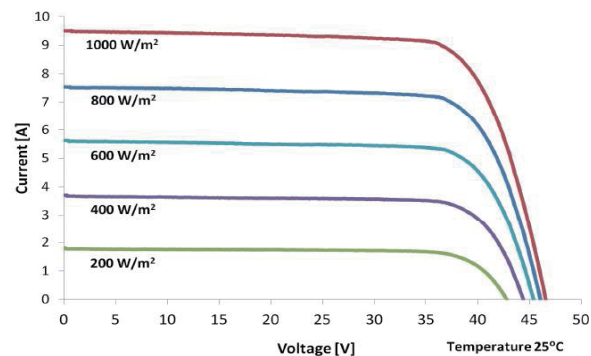
\*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m<sup>2</sup>, temperature 20°C, windspeed 1 m/s.

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

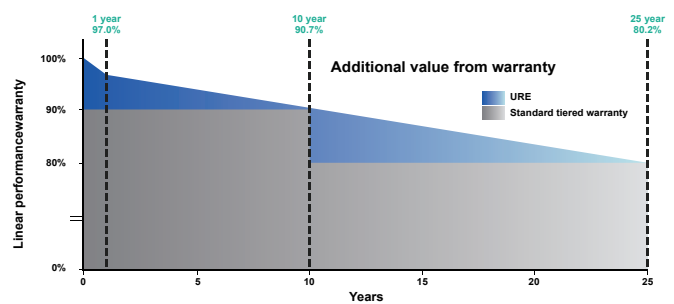
## Engineering Drawing (mm)



## Dependence on Irradiance



## Reliability with Warranty



Output warranty  
**25**  
Years

Product Guarantee  
**10**  
Years

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