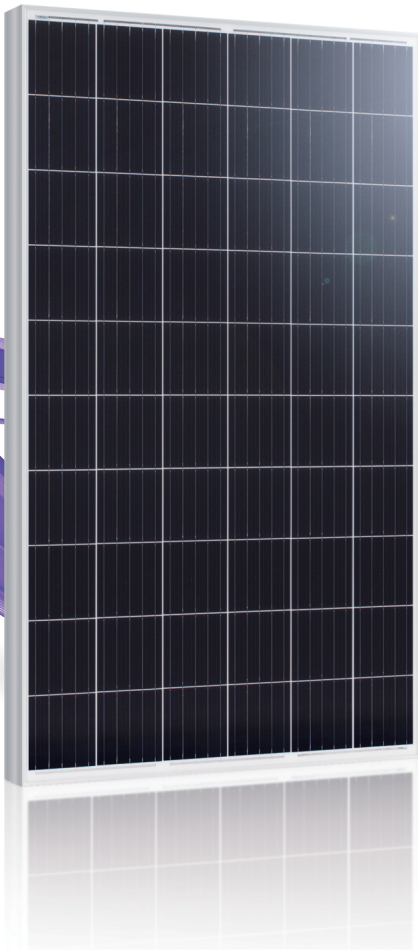




POWER

D1K_H3A / 60 cells
 315W - 340 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



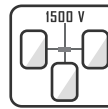
High Efficiency
 High module conversion efficiency up to 20.36%



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 resistance
 According to IEC 61701 Severity 6



Electrical Data

Model - STC		D1K315H3A	D1K320H3A	D1K325H3A	D1K330H3A	D1K335H3A	D1K340H3A
Maximum Rating Power (Pmax)	[W]	315	320	325	330	335	340
Module Efficiency	[%]	18.86	19.16	19.46	19.76	20.06	20.36
Open Circuit Voltage (Voc)	[V]	40.30	40.36	40.42	40.48	40.54	40.60
Maximum Power Voltage	[V]	32.40	32.50	32.60	32.70	32.80	32.90
Short Circuit Current (Isc)	[A]	10.34	10.45	10.59	10.67	10.78	10.89
Maximum Power Current	[A]	9.76	9.88	10.00	10.12	10.24	10.36
Positive Power Tolerance		0~3%					

*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m², AM 1.5

*Values without tolerance are typical numbers. Measurement tolerance: ±3%

Mechanical Data

Item	Specification
Dimensions	1667 mm (L) ¹ x 1002 mm (W) ¹ x 40 mm (D) ² / 65.63" (L) ¹ x 39.45" (W) ¹ x 1.57" (D) ²
Weight	18.5 kg / 40.7 lbs
Solar Cell	60 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
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
Maximum System Voltage	IEC 1500 VDC
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

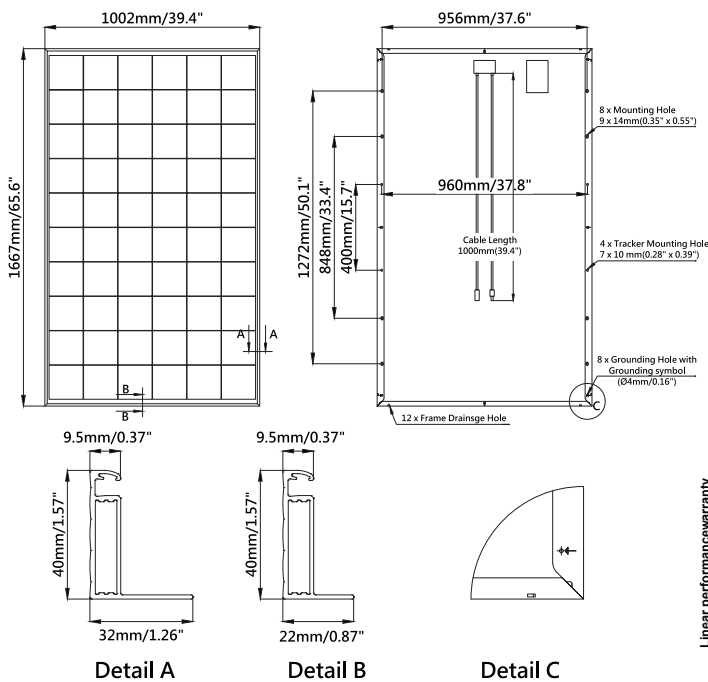
Temperature Characteristics

Item	Specification
Nominal Module Operating Temperature	44°C ± 2°C
Temperature Coefficient of Isc	0.06 % / °C
Temperature Coefficient of Voc	-0.29 % / °C
Temperature Coefficient of Pmax	-0.39 % / °C

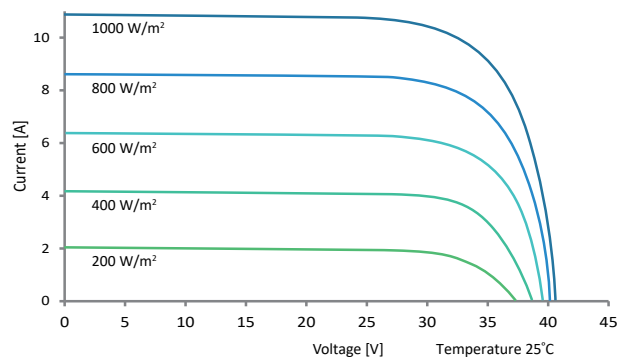
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

*Reduction in efficiency from 1000W/m² to 200W/m² at 25°C: 3.5 ± 2%.

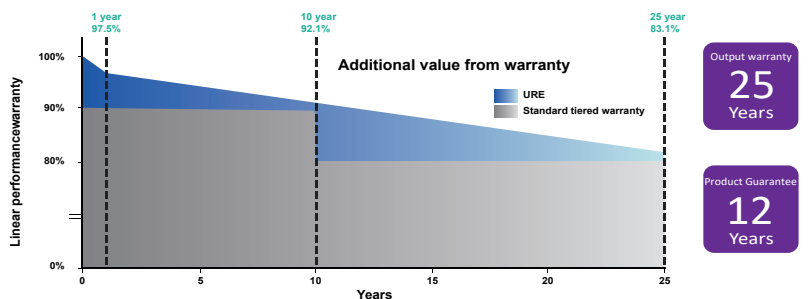
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



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