



GLORY PEACH

D2L_O8A / 144 cells

400W - 420 W

Mono-Crystalline Bifacial PV Module

URE Glory Peach module uses URE own p-PERC mono-crystalline bifacial solar cells, and URE advanced double glass(G2G) module manufacturing technology.



Key Features



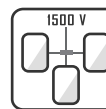
High Efficiency
High module conversion efficiency up to 20.67%



100% EL inline inspection
Better module reliability



Withstand heavy loading
front load 8100 Pa & rear load 5400 Pa



Design for 1500 VDC
Reduce the system BOS effectively

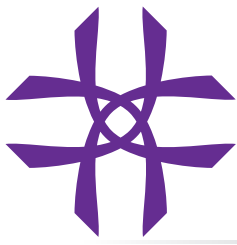


NO Water pollution concern
PASS the water quality standard by E.P.A



30-Year
Power output warranty





URE

United Renewable Energy Co., Ltd.

Electrical Data

Model		Bifacial Gain			Bifacial Gain			Bifacial Gain		
		D2L400O8A	5%	10%	D2L405O8A	5%	10%	D2L410O8A	5%	10%
Maximum Rating Power (Pmax)	[W]	400	420	440	405	425	446	410	431	451
Module Efficiency	[%]	19.68	20.66	21.65	19.93	20.93	21.92	20.18	21.19	22.20
Open Circuit Voltage (Voc)	[V]	48.46	48.46	48.46	48.47	48.47	48.47	48.49	48.49	48.49
Maximum Power Voltage	[V]	40.20	40.20	40.20	40.28	40.28	40.28	40.36	40.36	40.36
Short Circuit Current (Isc)	[A]	10.55	11.08	11.61	10.67	11.20	11.74	10.75	11.29	11.83
Maximum Power Current	[A]	9.95	10.45	10.95	10.05	10.55	11.06	10.16	10.67	11.18
Model		D2L415O8A	5%	10%	D2L420O8A	5%	10%			
Maximum Rating Power (Pmax)	[W]	415	436	457	420	441	462			
Module Efficiency	[%]	20.42	21.44	22.46	20.67	21.70	22.74			
Open Circuit Voltage (Voc)	[V]	48.51	48.51	48.51	48.52	48.52	48.52			
Maximum Power Voltage	[V]	40.44	40.44	40.44	40.52	40.52	40.52			
Short Circuit Current (Isc)	[A]	10.85	11.39	11.94	10.95	11.50	12.05			
Maximum Power Current	[A]	10.26	10.77	11.29	10.37	10.89	11.41			
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	2028mm (L) ¹ x 1002 mm (W) ¹ x 35 mm (D) ² / 79.84" (L) ¹ x 39.45" (W) ¹ x 1.38" (D) ²
Weight	25.7 kg / 56.7 lbs
Solar Cell	144 pcs half-cut 6-inch monocrystalline bifacial solar cells
Front Glass	Anti-reflective tempered solar glass, 2.0 mm thickness
Cell Encapsulation	POE (Polyolefin)
Back Cover	Tempered glass, 2.0 mm thickness
Junction Box	IP 68, 3 Diodes
Connector type	Anodized Aluminum Alloy
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

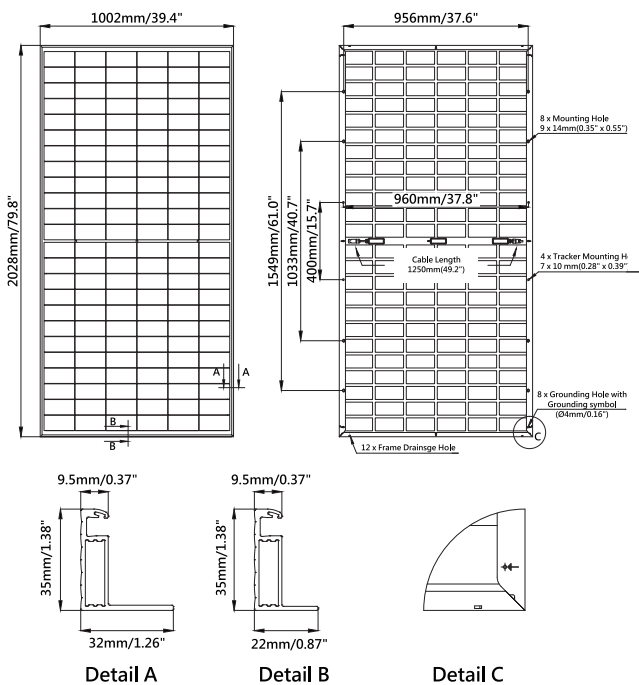
Item	Specification
Mechanical Load	8100 Pa
Maximum System Voltage	1500 VDC
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

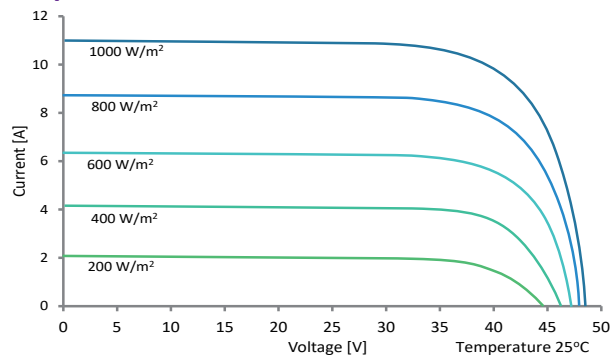
Item	Specification
Nominal Module Operating Temperature	42°C ± 2°C
Temperature Coefficient of Isc	0.107 % / °C
Temperature Coefficient of Voc	-0.320 % / °C
Temperature Coefficient of Pmax	-0.367 % / °C

*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: 3.5 ± 2%.

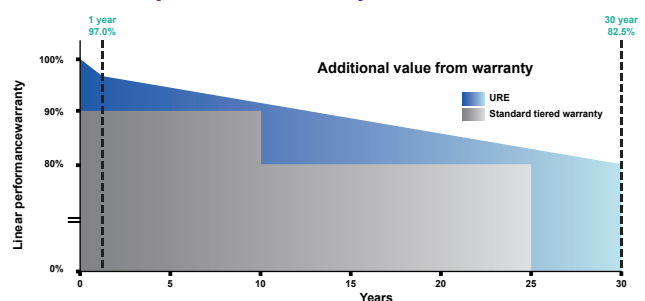
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
30
 Years

Product Guarantee
15
 Years

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