



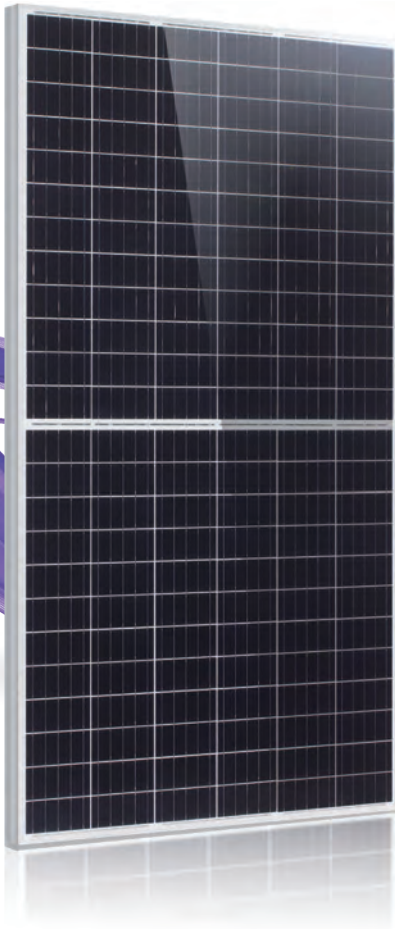
GLORY PEACH

D2L_O8A / 144 cells

390W - 410 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



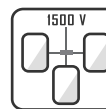
High Efficiency
High module conversion efficiency up to 20.18%



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

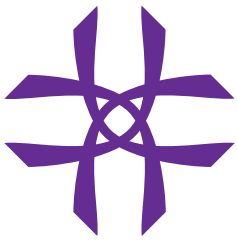


NO Water pollution concern
PASS the water quality standard by E.P.A



30-Year
Power output warranty





URE

United Renewable Energy Co., Ltd.

EN

Electrical Data

Model		Bifacial Gain			Bifacial Gain			Bifacial Gain		
		D2L390O8A	5%	10%	D2L395O8A	5%	10%	D2L400O8A	5%	10%
Maximum Rating Power (Pmax)	[W]	390	409.5	429	395	415	435	400	420	440
Module Efficiency	[%]	19.19	20.15	21.11	19.44	20.41	21.38	19.68	20.66	21.65
Open Circuit Voltage (Voc)	[V]	48.43	48.43	48.43	48.44	48.44	48.44	48.46	48.46	48.46
Maximum Power Voltage	[V]	40.04	40.04	40.04	40.12	40.12	40.12	40.20	40.20	40.20
Short Circuit Current (Isc)	[A]	10.36	10.88	11.40	10.45	10.97	11.50	10.55	11.08	11.61
Maximum Power Current	[A]	9.74	10.23	10.71	9.85	10.34	10.84	9.95	10.45	10.95
Model		D2L405O8A	5%	10%	D2L410O8A	5%	10%			
Maximum Rating Power (Pmax)	[W]	405	425	446	410	431	451			
Module Efficiency	[%]	19.93	20.93	21.92	20.18	21.19	22.20			
Open Circuit Voltage (Voc)	[V]	48.47	48.47	48.47	48.49	48.49	48.49			
Maximum Power Voltage	[V]	40.28	40.28	40.28	40.36	40.36	40.36			
Short Circuit Current (Isc)	[A]	10.67	11.20	11.74	10.75	11.29	11.83			
Maximum Power Current	[A]	10.05	10.55	11.06	10.16	10.67	11.18			
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	27.7 kg / 60.9 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

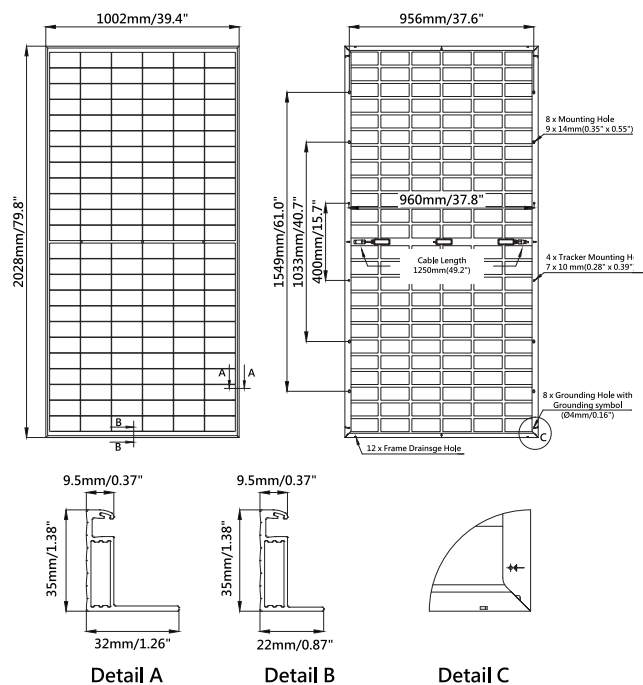
Temperature Characteristics

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

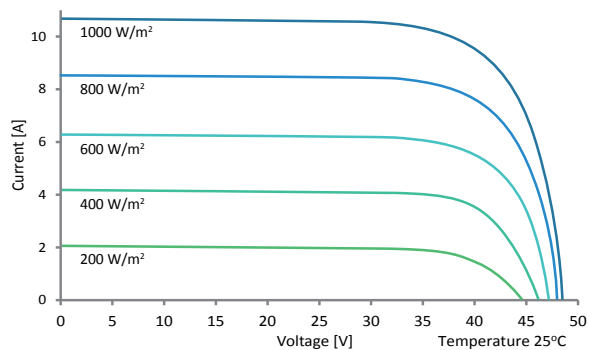
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

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

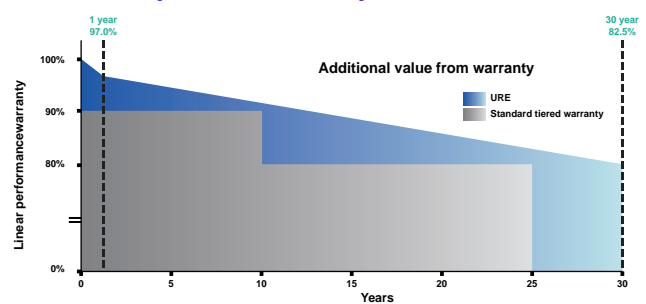
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
30
Years

Product Guarantee
15
Years

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