

A company from Taiwan where the sun shines
URECO
 United Renewable Energy Co., Ltd.

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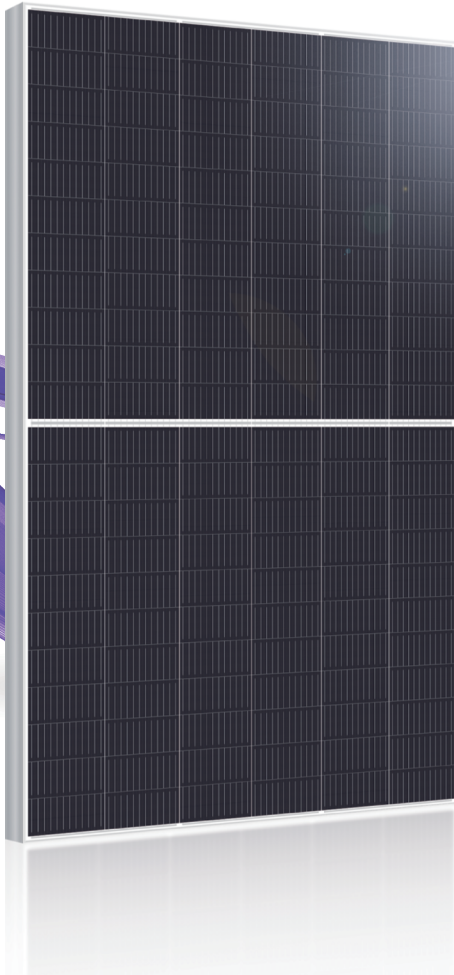
GLORY PEACH

FCL_BED / 132 cells

650W - 670 W

Mono-Crystalline Bifacial PV Module

United Renewable Energy Co., Ltd. (a company from Taiwan where the sun shines) Glory Peach module uses URECO own p-PERC monocrystalline bifacial solar cells, and URECO advanced double glass(G2G) module manufacturing technology.



Key Features



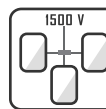
Positive power tolerance
 +0 ~ +5 watt



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



PID resistance
 Excellent PID resistance performance



30-Year
 Power output warranty

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Electrical Data

Model		Bifacial Gain			Bifacial Gain			Bifacial Gain		
		FCL650BED	5%	10%	FCL655BED	5%	10%	FCL660BED	5%	10%
Maximum Rating Power (Pmax)	[W]	650	683	715	655	688	721	660	693	726
Module Efficiency	[%]	20.92	21.97	23.01	21.09	22.14	22.92	21.02	22.07	23.12
Open Circuit Voltage (Voc)	[V]	45.56	45.56	45.56	45.71	45.71	45.71	45.85	45.85	45.85
Maximum Power Voltage	[V]	37.73	37.73	37.73	37.89	37.89	37.89	38.04	38.04	38.04
Short Circuit Current (Isc)	[A]	18.28	19.19	20.11	18.34	19.26	20.17	18.40	19.32	20.24
Maximum Power Current	[A]	17.23	18.09	18.95	17.29	18.15	19.02	17.35	18.22	19.09
Model		FCL665BED	5%	10%	FCL670BED	5%	10%			
Maximum Rating Power (Pmax)	[W]	665	698	732	670	704	737			
Module Efficiency	[%]	21.41	22.48	23.55	21.57	22.65	23.73			
Open Circuit Voltage (Voc)	[V]	46.02	46.02	46.02	46.20	46.20	46.20			
Maximum Power Voltage	[V]	38.22	38.22	38.22	38.38	38.38	38.38			
Short Circuit Current (Isc)	[A]	18.45	19.37	20.30	18.51	19.44	20.36			
Maximum Power Current	[A]	17.40	18.27	19.14	17.46	18.33	19.21			

*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	2384mm (L) ¹ x 1303 mm (W) ¹ x 35 mm (D) ² / 93.86" (L) ¹ x 51.30" (W) ¹ x 1.38" (D) ²
Weight	38.3 kg / 84.44 lbs
Solar Cell	Mono/ 210mm x 105mm, 132 monocrystalline cells
Front Glass	2.0mm thickness
Backsheet	2.0mm thickness
Frame	Anodized aluminum alloy
Junction Box	IP68
Connector Type	MC4 Compatible
Length of Cable	4mm ² , portrait: +300mm/-300mm
Package Configuration	31 pcs Per Pallet, 558 pcs per 40' HQ container

Operating Conditions

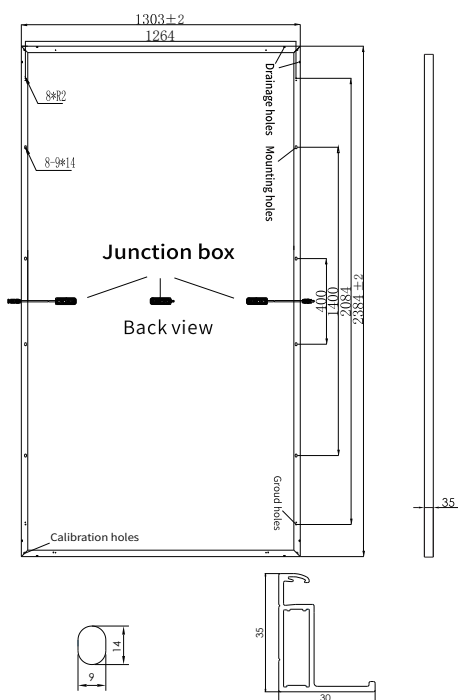
Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	1500 VDC
Series Fuse Rating	30 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

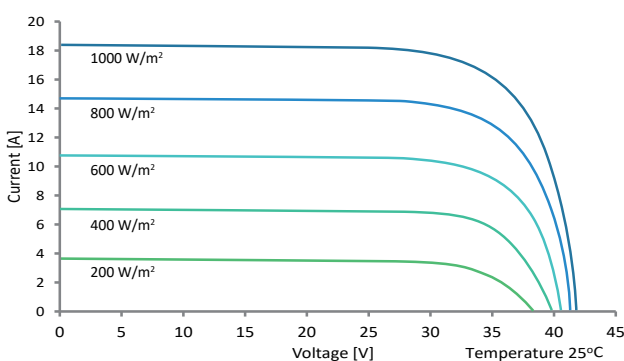
Item	Specification
Nominal Module Operating Temperature	44 °C ± 2 °C
Temperature Coefficient of Isc	0.04 % / °C
Temperature Coefficient of Voc	-0.25 % / °C
Temperature Coefficient of Pmax	-0.34 % / °C

*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%.

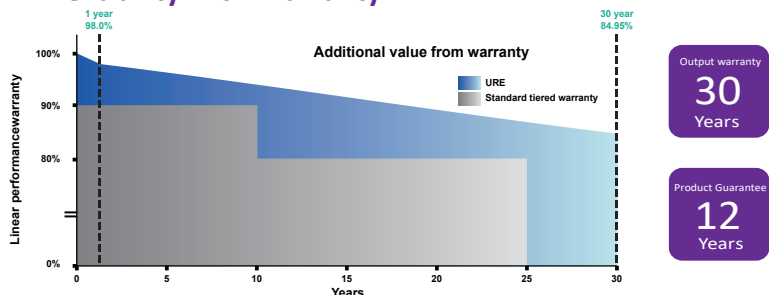
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



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

Taipei Office

9F, No. 295, Tiding Blvd. Sec. 2
Taipei, Taiwan 11493

Tel : +886-2-2656-2000
Fax : +886-2-2656-0593

e-mail : sales@urecorp.com

Headquarters

No. 7, Li-Hsin 3rd Road, Hsinchu Science Park
Hsinchu city 30078, Taiwan

Tel : +886-3-578-0011
Fax : +886-3-578-1255