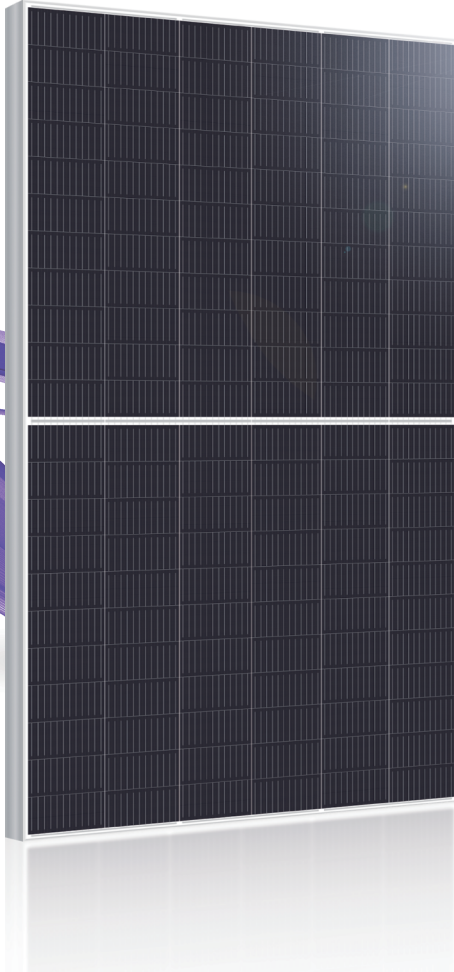


A company from Taiwan where the sun shines
URECO
 United Renewable Energy Co., Ltd.



FCK_MED / 132 cells

650W - 670 W

Mono-Crystalline PV Module

United Renewable Energy Co., Ltd. (a company from Taiwan where the sun shines) Peach module uses URECO state-of-the-art cell cutting technology, and advanced module manufacturing experiences.



Key Features



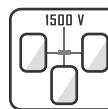
Positive power tolerance
 +0 ~ +5 watt



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



A company from Taiwan where the sun shines



Electrical Data

Model - STC		FCK650MED	FCK655MED	FCK660MED	FCK665MED	FCK670MED
Maximum Rating Power (Pmax)	[W]	650	655	660	665	670
Module Efficiency	[%]	20.92	21.09	21.25	21.41	21.57
Open Circuit Voltage (Voc)	[V]	45.34	45.49	45.64	45.80	45.97
Maximum Power Voltage	[V]	37.51	37.67	37.83	38.00	38.16
Short Circuit Current (Isc)	[A]	18.38	18.44	18.50	18.55	18.61
Maximum Power Current	[A]	17.33	17.39	17.45	17.50	17.56

*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	2384 mm (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	32.9 kg / 72.53 lbs
Solar Cell	Mono/ 210mm x 105mm
Front Glass	3.2mm thickness
Frame	Anodized aluminum alloy
Junction Box	IP68
Connector	MC4 compatible
Cable	4mm ² , portrait: +300mm/-300mm
Package Configuration	31 pcs Per Pallet, 558 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	5400 Pa
Maximum System Voltage	1500V
Series Fuse Rating	30 A
Operating Temperature	-40 to 85 °C

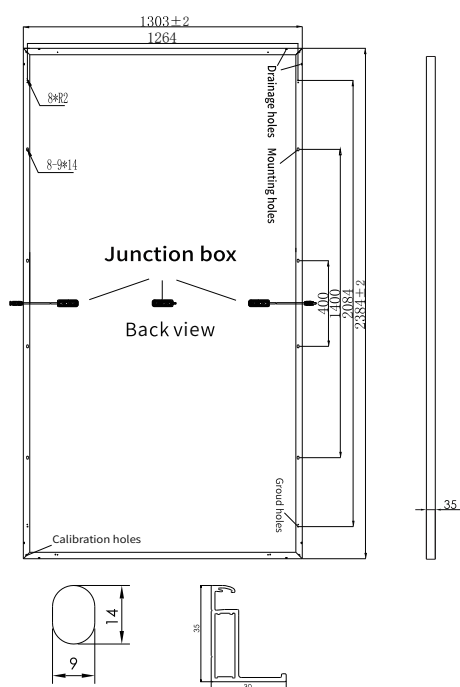
Temperature Characteristics

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

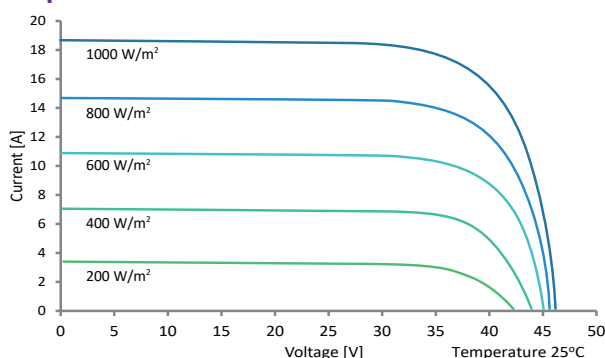
*Nominal module operating temperature (NMOT): Air mass AM 1.5, irradiance 800W/m², temperature 20°C, windspeed 1 m/s.

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

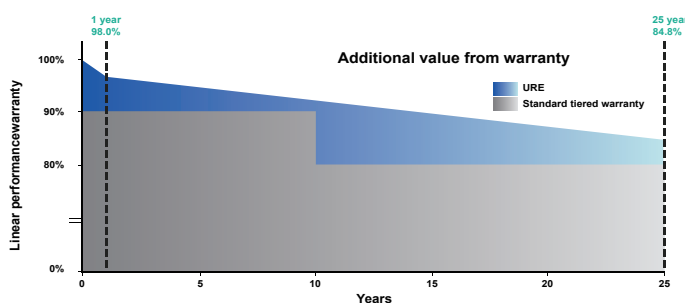
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
12
Years

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

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