



FAK_E7D / 120 cells
345W-365 W
Mono-Crystalline PV Module

URE Peach module uses URE state-of -the art cell cutting technology, and advanced module manufacturing experiences.



Munich RE



Key Features



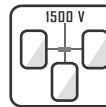
Positive power tolerance
+0 ~ +4.99 watt



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



Excellent low light performance
3.5% relative eff. Reduction at low-irradiance (200W/m²)



Electrical Data

Model - STC		FAK345E7D	FAK350E7D	FAK355E7D	FAK360E7D	FAK365E7D
Maximum Rating Power (Pmax)	[W]	345	350	355	360	365
Module Efficiency	[%]	18.93	19.21	19.48	19.76	20.03
Open Circuit Voltage (Voc)	[V]	40.68	40.86	41.05	41.25	41.47
Maximum Power Voltage	[V]	33.76	34.02	34.21	34.42	34.63
Short Circuit Current (Isc)	[A]	10.78	10.86	10.94	11.02	11.10
Maximum Power Current	[A]	10.22	10.29	10.38	10.46	10.54

*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	1755 mm (L) ¹ x 1038 mm (W) ¹ x 35 mm (D) ² / 69.09" (L) ¹ x 40.87" (W) ¹ x 1.38" (D) ²
Weight	19.2 kg / 42.33 lbs
Solar Cell	Mono / 83 mm x 166mm
Front Glass	3.2mm thickness
Junction Box	IP 68 , 3 diodes
Frame	Anodized Aluminum Alloy
Connector Type	MC4 Compatible
Cable Type	4.0 mm ² , cable length : 1300 mm
Package Configuration	30pcs Per Pallet, 780 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

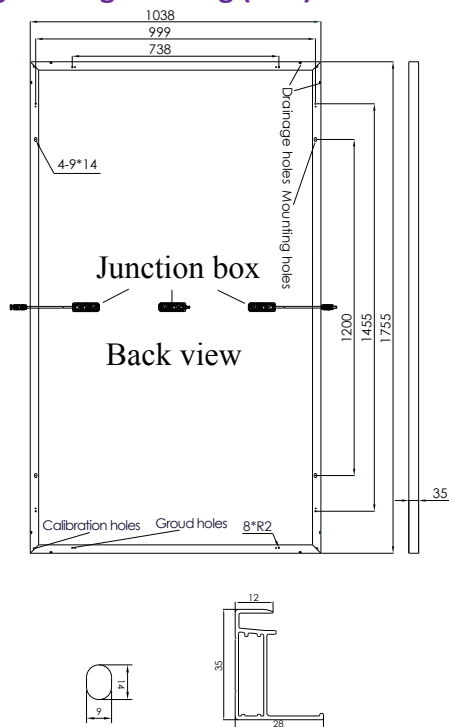
Item	Specification
Mechanical Load	5400 Pa
Maximum System Voltage	1500 VDC
Series Fuse Rating	20 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

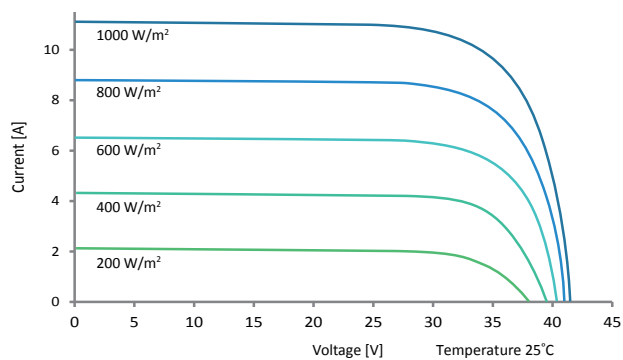
Item	Specification
Nominal Module Operating Temperature	43°C ± 2°C
Temperature Coefficient of Isc	0.039 % / °C
Temperature Coefficient of Voc	-0.295 % / °C
Temperature Coefficient of Pmax	-0.39% / °C

*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%.

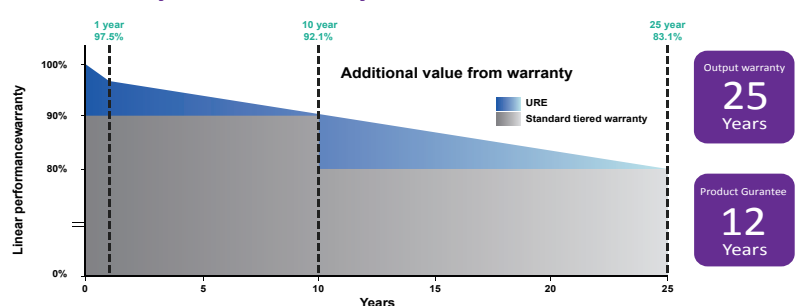
Engineering Drawing (mm)



Dependence on Irradiance



Reliability with Warranty



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