



F2M_H7A / 120 cells

330W

Mono-Crystalline PV Module

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



Key Features



Positive power tolerance
+0 ~ +4.99 watt



100% EL inline inspection
Better module reliability



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.

Electric Data

| | | |
|-----------------------------|-----|------------------------|
| Model-STC | | F2M330H7A F2K330H7A |
| Maximum Rating Power (Pmax) | [W] | 330 |
| Module Efficiency | [%] | 19.56 |
| Open Circuit Voltage (Voc) | [V] | 40.59 |
| Maximum Power Voltage | [V] | 33.72 |
| Short Circuit Current (Isc) | [A] | 10.29 |
| Maximum Power Current | [A] | 9.79 |

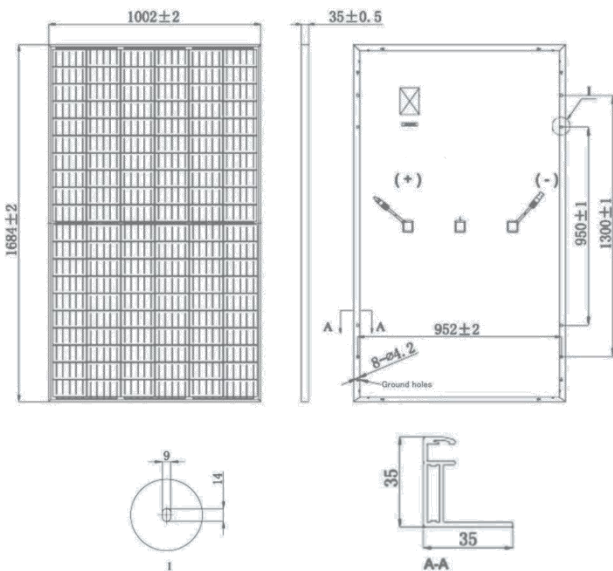
*Standard Test Condition (STC): Cell Temperature 25 °C, Irradiance 1000 W/m², AM 1.5
 *Values without tolerance are typical numbers.

Mechanical Data

| Item | Specification |
|-----------------------|---|
| Dimensions | 1684*1002*35 mm |
| Weight | 19.5 kg |
| Solar Cell | 60 monocrystalline halfcut |
| Front Glass | 3.2mm high transmittance, reinforced glass |
| Cell Encapsulation | EVA (Ethylene-Vinyl-Acetate) |
| Back Cover | Anti-aging film |
| Junction Box | Protection class IP 67 |
| Frame | Anodized aluminum alloy |
| Package Configuration | 30 pcs 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"]

Engineering Drawing (mm)



Operating Conditions

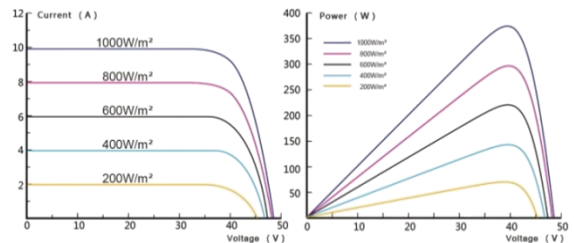
| Item | Specification |
|-----------------------------|--------------------------|
| Mechanical Load (Test Load) | 5400 Pa acc. to IEC61215 |
| Maximum System Voltage | 1000 VDC / 1500 VDC |
| Operating Temperature | -40 to 85 °C |

Temperature Characteristics

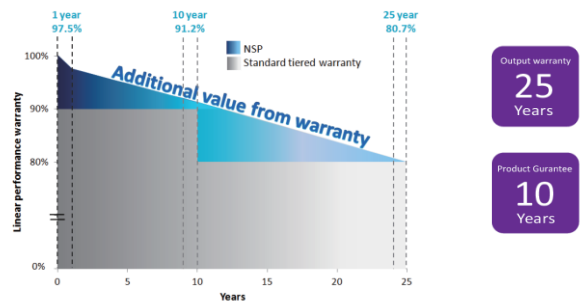
| Item | Specification |
|--------------------------------------|---------------|
| Nominal Module Operating Temperature | 45 °C ± 2 °C |
| Temperature Coefficient of Isc | 0.024 %/ °C |
| Temperature Coefficient of Voc | -0.287 %/ °C |
| Temperature Coefficient of Pmax | -0.393 %/ °C |

*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%.

Dependence on Irradiance



Reliability with Warranty



Output warranty
25
Years

Product Guarantee
10
Years

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

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