



Multi-Busbar Module could be the option

COMPREHENSIVE CERTIFICATES

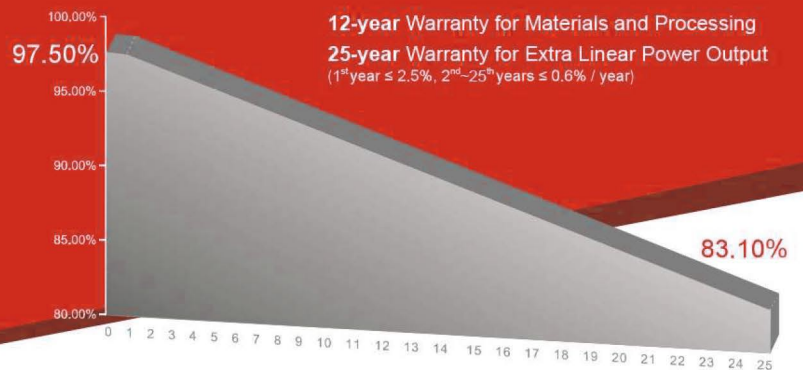


First solar company which passed the TUV Nord IEC/TS 62941 certification audit.

315W~335W

Monocrystalline PV Module

C60M-330



KEY FEATURES

- OUTPUT POSITIVE TOLERANCE**
 Guaranteed 0~+5W positive tolerance ensures power output reliability.
- INNOVATIONAL HALF-CELL TECHNOLOGY**
 Improves the module output, decreases the risk of micro-crack, enhances the module reliability.
- INNOVATIVE PERC CELL TECHNOLOGY**
 Excellent cell efficiency and output.
- REDUCE SHADOW LOSS**
 Effectively reduces the effect of shadow on the module surface.
- REDUCE INTERNAL MISMATCH LOSS**
 Reduces mismatch loss and improves output.
- PASSED HAIL TEST**
 Certified to hail resistance: ice ball size (d=45mm) and ice ball velocity (v=30.7m/s).
- PID RESISTANCE**
 Excellent PID resistance at 96 hours (@85°C /85%) test, and also can be improved to meet higher standards for the particularly harsh environment.

ELECTRICAL SPECIFICATIONS

| | | | | | |
|---|----------|---------------------|----------|----------|----------|
| STC rated output (P_{mpp})* | 315 Wp | 320 Wp | 325 Wp | 330 Wp | 335 Wp |
| Rated voltage (V_{mpp}) at STC | 33.44 V | 33.68 V | 33.93 V | 34.17 V | 34.44 V |
| Rated current (I_{mpp}) at STC | 9.42 A | 9.50 A | 9.58 A | 9.66 A | 9.73 A |
| Open circuit voltage (V_{oc}) at STC | 40.42 V | 40.72 V | 41.03 V | 41.32 V | 41.61 V |
| Short circuit current (I_{sc}) at STC | 9.90 A | 9.98 A | 10.06 A | 10.14 A | 10.22 A |
| Module efficiency | 19.0% | 19.3% | 19.6% | 19.9% | 20.2% |
| Rated output (P_{mpp}) at NMOT | 234.9 Wp | 238.6 Wp | 242.4 Wp | 246.1 Wp | 249.8 Wp |
| Rated voltage (V_{mpp}) at NMOT | 31.18 V | 31.39 V | 31.63 V | 31.85 V | 32.10 V |
| Rated current (I_{mpp}) at NMOT | 7.53 A | 7.60 A | 7.66 A | 7.73 A | 7.78 A |
| Open circuit voltage (V_{oc}) at NMOT | 38.00 V | 38.28 V | 38.57 V | 38.85 V | 39.12 V |
| Short circuit current (I_{sc}) at NMOT | 7.96 A | 8.03 A | 8.09 A | 8.16 A | 8.22 A |
| Temperature coefficient (P_{mpp}) | | - 0.3438%/°C | | | |
| Temperature coefficient (I_{sc}) | | +0.0353%/°C | | | |
| Temperature coefficient (V_{oc}) | | - 0.2722%/°C | | | |
| Nominal module operating temperature (NMOT) | | 44±2°C | | | |
| Maximum system voltage (IEC/UL) | | 1500V _{DC} | | | |
| Number of diodes | | 3 | | | |
| Junction box IP rating | | IP 67 | | | |
| Maximum series fuse rating | | 20 A | | | |

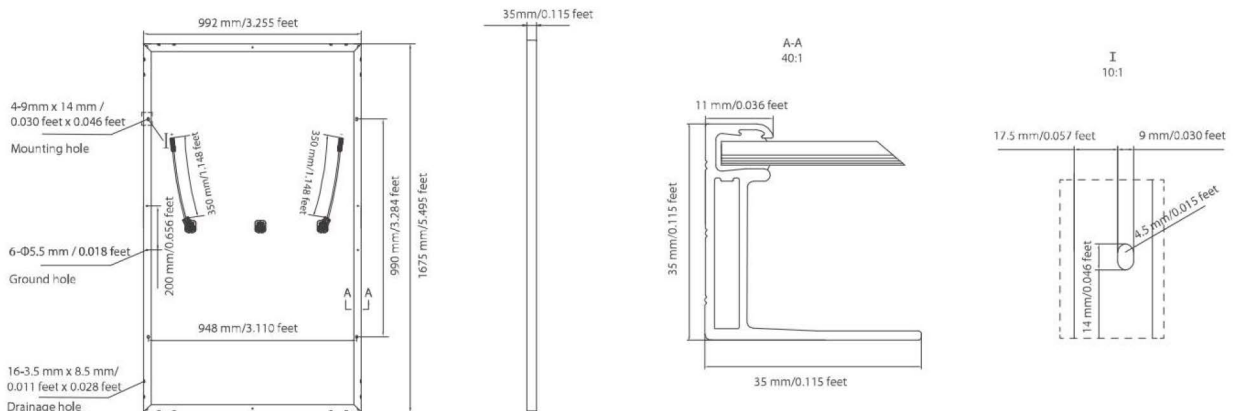
STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5
 NMOT: Irradiance 800W/m², Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

MECHANICAL SPECIFICATIONS

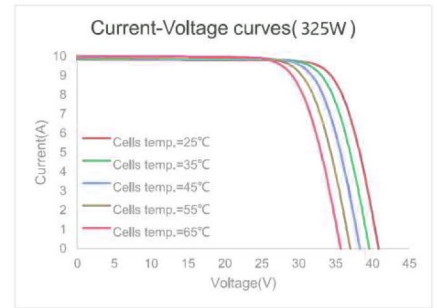
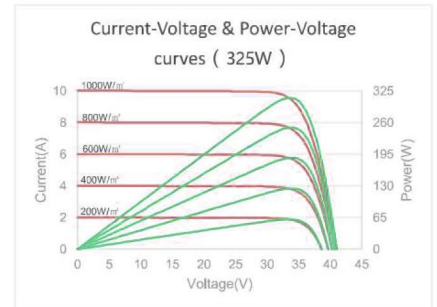
| | |
|--------------------------------|--|
| Outer dimensions (L x W x H) | 1675 x 992 x 35 mm 65.94 x 39.06 x 1.38 in |
| Frame technology | Aluminum, silver anodized |
| Module composition | Glass / EVA / Backsheet (white) |
| Front glass thickness | 3.2 mm / 0.13 in |
| Cable length (IEC/UL) | Portrait: 350 mm (13.78 in) Landscape: 1000 mm (39.37 in) |
| Cable diameter (IEC/UL) | 4 mm ² / 12 AWG |
| ① Maximum mechanical test load | 5400 Pa (front) / 2400 Pa (back) |
| Fire performance (IEC/UL) | Class C (IEC) or Type 1 (UL) |
| Connector type (IEC/UL) | MC4 compatible |

Maximum Mechanical Test Load=1.5×Maximum Mechanical Design Load.

MODULE DIMENSION DETAILS



CURVE



PACKING SPECIFICATIONS

| | |
|--|---------------------|
| ① Weight (module only) | 18.7 kg / 41.23 lbs |
| ② Packing unit | 31 pcs / box |
| Weight of packing unit (for 40'HQ container) | 619 kg / 1365 lbs |
| Number of modules per 40'HQ container | 806 pcs |

① Tolerance +/- 1.0kg
 ② Subject to sales contract