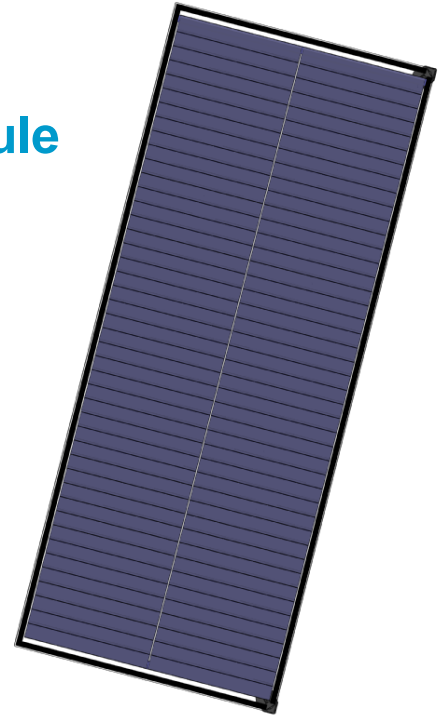


MR-107 Frameless Double Glass Module

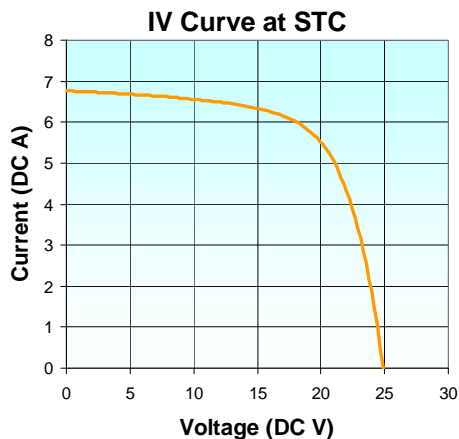
Key Features

- Designed for large scale, low cost installations
- Durable glass/glass construction ensures long lifetime in harsh environments
- Corner junction box design minimizes wiring and BOS costs
- Bypass diodes reduce losses due to shading
- UL 1703, IEC 61646 and IEC 61730 Certifications
- 5/10/25 year power warranty (please see warranty for detail)



| | | MR-107 | | | |
|------------------------------------|-------------|-----------|-----------|-----------|-----------|
| Electrical Performance* | | Article 0 | Article 1 | Article 2 | Article 3 |
| Mean Peak Power – P_{MPP} | [W] | 120 | 115 | 110 | 105 |
| Power Output Tolerance – P_{MPP} | [W] | +/- 2.5 | +/- 2.5 | +/- 2.5 | +/- 2.5 |
| Maximum Power Voltage – V_{MPP} | [V] | 20.70 | 20.30 | 19.60 | 19.30 |
| Maximum Power Current – I_{MPP} | [A] | 5.81 | 5.68 | 5.61 | 5.46 |
| Open Circuit Voltage – V_{OC} | [V] | 26.00 | 25.70 | 25.10 | 24.70 |
| Short Circuit Current – I_{SC} | [A] | 6.78 | 6.74 | 6.70 | 6.59 |
| Maximum Series Fuse Rating | 25 A | | | | |
| Maximum System Voltage (US/IEC) | 600V /1000V | | | | |

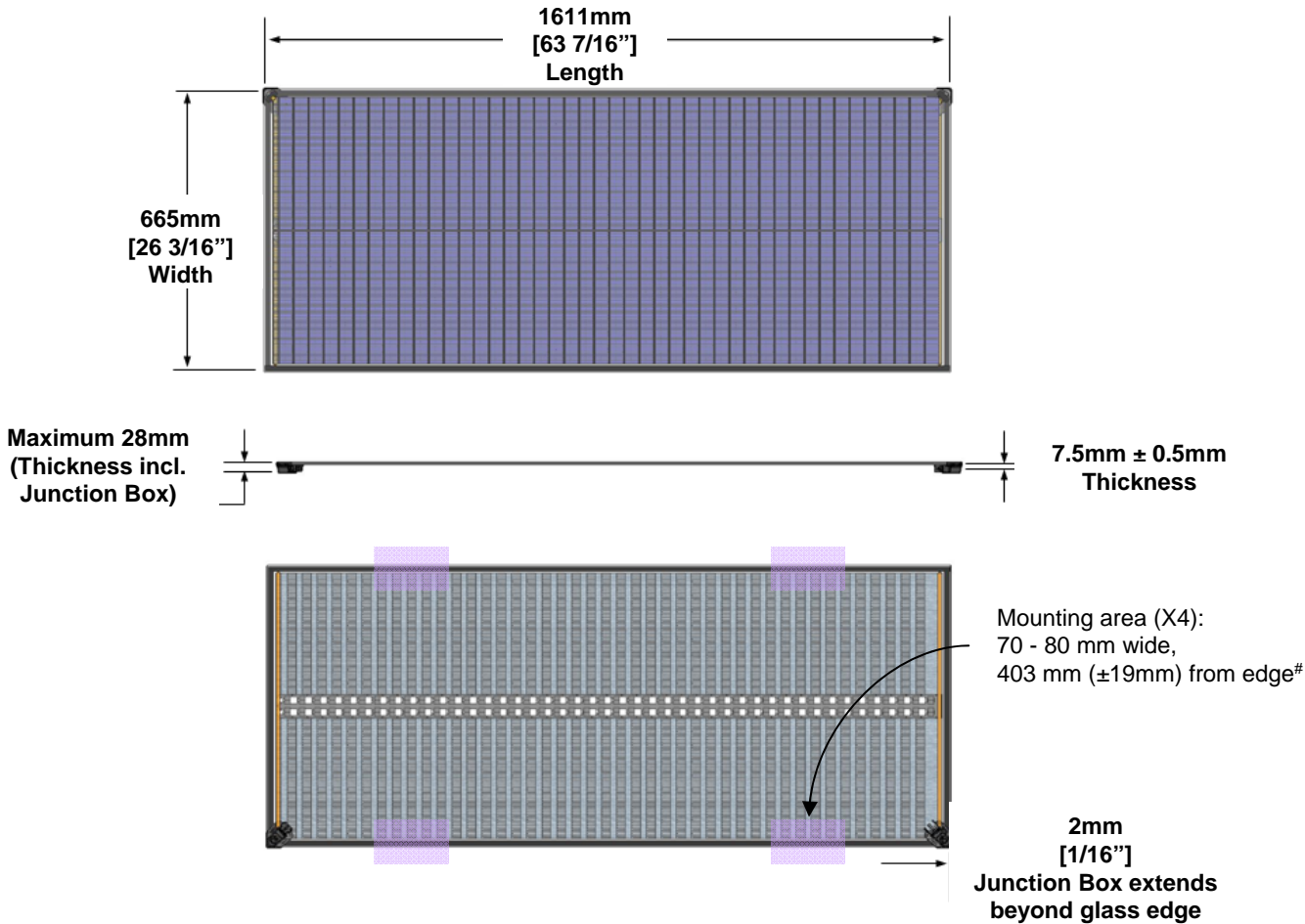
* At Standard Test Conditions: 1000 W/m², 25°C cell temperature, AM 1.5 spectrum



| Thermal Characteristics | |
|-------------------------------------|-----------|
| Nominal Operating Cell Temperature | 49°C |
| Temperature Coefficient of Power | -0.45%/°C |
| Temperature Coefficient of V_{oc} | -0.36%/°C |

| Physical and Mechanical Specifications | |
|--|--|
| Length | 1611 mm |
| Width | 665 mm |
| Depth | 7.5 mm (28 mm including junction box) |
| Weight | 18 kg |
| Junction Box / Output Terminal Type | 2 corner connection boxes MC4 Locking Connector |
| Frame | None |
| Cell Type | Copper Indium Gallium Diselenide (CIGS) |
| Static Load | 5400 N/m ² |
| Warranty Term | 5/10/25 year power output, 5 year workmanship* |
| Certifications | UL1703, IEC 61646, IEC 61730 |

* Please see full warranty for details



MiaSolé will evaluate alternate clamping solutions upon customer request