CertainTeed Solar

US SERIES 72 CELL SOLAR MODULES

**Features and Benefits**

- **High Quality / High Power**
  - Up to 380W
  - UL listed (UL 1703)
  - Output power tolerance +3/-0%
  - PID Free

- **Limited Warranty***
  - 25-year linear power output warranty

*See CertainTeed's limited warranty for details

**Monocrystalline Type**

- CT365M11-02
- CT365M10-02
- CT370M11-02
- CT370M10-02
- CT375M11-02
- CT375M10-02
- CT380M11-02
- CT380M10-02

See reverse for product specifications

**Power Output Warranty**
**Electrical Characteristics**

<table>
<thead>
<tr>
<th></th>
<th>365W</th>
<th>370W</th>
<th>375W</th>
<th>380W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Output (Pmpp) W</td>
<td>365</td>
<td>370</td>
<td>375</td>
<td>380</td>
</tr>
<tr>
<td>Voltage at Pmax (Vmpp) V</td>
<td>38.7</td>
<td>38.8</td>
<td>38.9</td>
<td>38.9</td>
</tr>
<tr>
<td>Current at Pmax (Imp) A</td>
<td>9.4</td>
<td>9.5</td>
<td>9.7</td>
<td>9.8</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc) V</td>
<td>47.7</td>
<td>47.8</td>
<td>47.9</td>
<td>47.9</td>
</tr>
<tr>
<td>Short Circuit Current (Isc) A</td>
<td>10.0</td>
<td>10.2</td>
<td>10.3</td>
<td>10.4</td>
</tr>
<tr>
<td>Output Tolerance %</td>
<td>+3/-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of Cells &amp; Connections</td>
<td>72 in series with 3 bypass diodes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cell Type</td>
<td>6” Monocrystalline</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module Efficiency %</td>
<td>18.8 19.1 19.3 19.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Pmpp %/C</td>
<td>-0.38</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Voc %/C</td>
<td>-0.28</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Temperature Coefficient of Isc %/C</td>
<td>0.04</td>
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</tbody>
</table>

**Mechanical Characteristics**

- **Laminate**: Glass: 3.2 high transmission, tempered, anti-reflective
  Encapsulant: EVA
  Backsheet: Weatherproof film (black/white)

- **Frame**: Anodized aluminum (Black)

- **Junction Box**: IP68, IEC certified, UL listed

- **Output Cables**: 4 mm² (12AWG) cables, Length 1.2m (47.2”)

- **Connectors**: Polarized MC4 compatible
  Weatherproof, IEC certified, UL listed

- **Weight**: 21.4 kg (47.2 lbs)

**Operating Conditions**

- **Nominal Operating Cell Temperature**: 46° C + 2
- **Operating Temperature**: -40 to 85° C
- **Maximum System Voltage**: 1000v
- **Maximum Series Fuse Rating**: 20A
- **Fire Performance**: Type 2
- **Maximum Wind Load**: 30 lbs/ft²