Under Shanshan Group, Top500 Enterprise in China, Ulica Solar produces our own high quality solar cells and modules starting from August 2005. Our product range covers all from off-grid panels to on-grid panels, both mono-crystalline and poly-crystalline, suitable for all types of installation from residential to commercial projects.

- Higher Conversion Efficiency
  With new generation of PERC technology, the average conversion efficiency of the cells could reach 21.2%

- Outstanding mechanical load resistance
  2400 Pa wind load, 5400 Pa snow load

- High performance under low light
  Works at cloudy, rainy days

- Double electroluminescence (EL) tests
  Carefully inspected before and after lamination to guarantee fault-free modules

- World famous insurance
  Solar Insurance&Finance(Netherlands), AON(Japan)

12-year product warranty
25-year linear power warranty
**ELECTRICAL PERFORMANCE**

Electrical Parameters Standard Test Conditions

<table>
<thead>
<tr>
<th>Module Type</th>
<th>Pmax W</th>
<th>Voc V</th>
<th>Isc A</th>
<th>Power Output</th>
<th>Voltage at Pmax Vm</th>
<th>Current at Pmax Im</th>
<th>Open-Circuit Voltage Voc V</th>
<th>Short-Circuit Current Isc A</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL-360M-72, UL-365M-72, UL-370M-72, UL-375M-72</td>
<td>360</td>
<td>365</td>
<td>370</td>
<td>375</td>
<td>38.0</td>
<td>38.1</td>
<td>38.2</td>
<td>38.3</td>
<td>370</td>
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<tr>
<td>Power Tolerance ΔPmax W</td>
<td>±3%</td>
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<td></td>
<td></td>
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<tr>
<td>Module Efficiency ηm %</td>
<td>18.55</td>
<td>18.81</td>
<td>19.07</td>
<td>19.33</td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>Temperature Coefficient of Voc βvoc %/°C</td>
<td>-0.403</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Isc βisc %/°C</td>
<td>-0.330</td>
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<td></td>
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<tr>
<td>Temperature Coefficient of Voc βvoc %/°C</td>
<td>0.048</td>
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</tr>
</tbody>
</table>

**THERMAL CHARACTERISTICS**

- Nominal Operating Cell Temperature NOCT °C: 45±2
- Temperature Coefficient of Pmax Y %/°C: -0.403
- Temperature Coefficient of Voc βvoc %/°C: -0.330
- Temperature Coefficient of Isc βisc %/°C: 0.048

**OPERATING CONDITIONS**

- Max. System Voltage: 1000V
- Max. Series Fuse Rating: 15A
- Operating Temperature Range: -40°C~85°C
- Max resistive load: 5400Ω
- Max static wind load: 5400Pa
- Max static snow load: 2600Pa
- Safety Class: II

**CONSTRUCTION MATERIALS**

- Front Cover (material/type/thickness): low-iron tempered glass/3.2mm
- Cell (quantity/material/type/dimension): 72/mono-crystalline/156.75x156.75mm
- Encapsulant (material): ethylene vinyl acetate (EVA)
- Frame (material/anodization color): anodized aluminum alloy/silver
- Junction Box (degree): IP67
- Cable (length/sectional area): 1100mm²/4mm²
- Plug Connector: DC1000, PV-ZH202/PV-JM601A/PV-JM601, Made in China

**GENERAL CHARACTERISTICS**

- Dimension (L/W/H): 1956/992/46mm
- Weight: 22.5kg

**PACKING CONFIGURATION**

- Pallet Size (L/W/H): 2000/1100/2260mm
- Pallet Weight: 1260kg
- Pieces per Pallet: 52pcs
- Pieces per Container: 572pcs

**INTERNATIONAL CERTIFICATES**

- TÜV SÜD, TÜV NORD, UL, CE, JET, MCS, CQC, IMERTRO
- ISO 9001:2008
- ISO 14001:2004
- BS OHSAS 18001:2007

Please read the instruction manual in this entirely before handling, installing, and operating Ulica Solar modules. Due to continuous innovation, research and improvement, the specification is subject to change without prior notice.