ET Module
Monocrystalline

ET-M53640 40W
ET-M53645 45W

Features
• High module conversion efficiency, through superior manufacturing technology
• Anodized aluminum is mainly for improving corrosion resistance
• Highly transparent, low-iron, tempered glass
• Excellent performance under low light environments

Benefits
• 25-year warranty on power output; 5-year warranty on materials and workmanship
• Product liability insurance
• Local technical support
• Local warehousing
• 48 hour-response service
• Enhanced design for easy installation and long term reliability

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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model type</th>
<th>ET-MS364S</th>
<th>ET-MS3640</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak power(Pmax)</td>
<td>45W</td>
<td>40W</td>
</tr>
<tr>
<td>Weight</td>
<td>4.25kg(9.4lbs)</td>
<td>4.25kg(9.4lbs)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>838×427×34mm(32.99×16.81×1.34inch)</td>
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<tr>
<td>Maximum power voltage (Vmp)</td>
<td>17.9V</td>
<td>17.82V</td>
</tr>
<tr>
<td>Maximum power current (Imp)</td>
<td>2.514A</td>
<td>2.27A</td>
</tr>
<tr>
<td>Open circuit voltage (Voc)</td>
<td>21.96V</td>
<td>21.96V</td>
</tr>
<tr>
<td>Short circuit current (Isc)</td>
<td>2.733A</td>
<td>2.54A</td>
</tr>
<tr>
<td>Maximum system voltage</td>
<td>DC 1000V/DC 600V</td>
<td>DC 1000V/DC 600V</td>
</tr>
<tr>
<td>Temp. Coeff. of Isc (TK Isc)</td>
<td>0.06%/℃</td>
<td>0.06%/℃</td>
</tr>
<tr>
<td>Temp. Coeff. of Voc (TK Voc)</td>
<td>-0.397%/℃</td>
<td>-0.397%/℃</td>
</tr>
<tr>
<td>Temp. Coeff. of Pmax (TK Pmax)</td>
<td>-0.47%/℃</td>
<td>-0.47%/℃</td>
</tr>
<tr>
<td>Normal Operating Cell Temperature</td>
<td>44.4±2℃</td>
<td>44.4±2℃</td>
</tr>
</tbody>
</table>

PHYSICAL CHARACTERISTICS  Unit:mm (inch)

1. Tempered glass
2. EVA
3. Cells
4. EVA
5. Triple-layer back sheet

ELECTRICAL CHARACTERISTICS

**Electrical Performance cell temperature:25℃**

- 1000W/m²
- 800W/m²
- 600W/m²

**Temperature dependence of Isc,Voc and Pmax**

- Temp.Coeff.of Isc =+0.06%/℃
- Temp.Coeff.of Voc =-0.397%/℃
- Temp.Coeff.of Pmax =-0.549%/℃

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25℃.
The NOCT is obtained under the Test Conditions : 800 W/m², 20℃ ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

Please contact support@etsolar.com for technical support. The parameters are for reference only, and are subject to change without notice or obligation.