AE Solar
alternative energy

AE SMB-66E

Eclipse Plus
380W-390W
Ultra Black Series
TECHNICAL DATA
AE SMB-66E Series 380W - 390W

**SPECIFICATIONS**

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<thead>
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<tbody>
<tr>
<td>Nominal Max. Power</td>
<td>Pmax (Wp)</td>
<td>380</td>
<td>385</td>
</tr>
<tr>
<td>Maximum power voltage</td>
<td>Vmp(V)</td>
<td>40.6</td>
<td>40.8</td>
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<tr>
<td>Maximum power current</td>
<td>Imp (A)</td>
<td>9.36</td>
<td>9.44</td>
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<tr>
<td>Open-circuit voltage</td>
<td>Voc (V)</td>
<td>49.1</td>
<td>49.3</td>
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<tr>
<td>Short-circuit current</td>
<td>Isc (A)</td>
<td>9.93</td>
<td>9.98</td>
</tr>
<tr>
<td>Module efficiency (%)</td>
<td>Pmax (Wp)</td>
<td></td>
<td></td>
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<tr>
<td>Power tolerance</td>
<td>(A)</td>
<td></td>
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<tr>
<td>Maximum system voltage DC (V)</td>
<td>1500</td>
<td></td>
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<tr>
<td>Maximum series fuse rating (A)</td>
<td>20</td>
<td></td>
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<tr>
<td>Operating temperature (°C)</td>
<td>-40 to +85</td>
<td></td>
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<tr>
<td>Temp. coefficients of Pmax (%)/%°C</td>
<td>-0.34</td>
<td></td>
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<tr>
<td>Temp. coefficients of Voc (%)/%°C</td>
<td>-0.27</td>
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<td></td>
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<tr>
<td>Temp. coefficients of Isc (%)/%°C</td>
<td>0.04</td>
<td></td>
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<tr>
<td>Nom. Operating cell temp.(NOCT) (°C)</td>
<td>43±2</td>
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</table>

The electrical data apply to standard test conditions (STC): Irradiance of 1000 W/m² with spectrum AM 1.5 and a cell temperature of 25°C.

**MATERIAL CHARACTERISTICS**

- **Cell type**: Mono-crystalline 158.75 x 158.75mm
- **No. of cells**: 66 cells
- **Dimensions**: 1646 X 1140 X 35
- **Weight**: 20.5 kg
- **Junction box**: IP 68 rated (3 Bypass Diodes)
- **Output cable**: 1 x 4.0mm², 900mm length or customised
- **Connector type**: MC 4 / MC 4 compatible
- **Hail resistance**: Max. Ø 28 mm, at 23 m/s
- **Wind load**: 2400 Pa / 244 kg/m²
- **Mechanical load**: 5400 Pa / 550 kg/m²

**PACKAGING INFORMATION**

- **Packing configuration**: 62 pcs / double pallet
- **Loading Capacity**: 868 pcs / 40HQ
- **Size / pallet (mm)**: 1685 x 1135 x 2490
- **Weight**: 1370 kg / double pallet

**DIMENSIONS**

**OUR PERFORMANCE GUARANTEE**

- AE Solar
- Commercial Guarantee

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