DH-60M Series
300-320W
Monocrystalline Silicon Module

Advanced processing techniques realize great module efficiency to a maximum of 19.67%, steady power output guaranteed.

0~+5W Positive tolerance delivers higher output reliability.

Excellent performance even under low-light settings, such as dawn, dusk and cloudy day.

PID

Advanced cell technology and qualified materials lead to high resistance to PID.

Excellent mechanical load resistance: wind loads (2400Pa) & snow loads (5400Pa).

Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline.

LINEAR PERFORMANCE WARRANTY

![Linear Performance Warranty Graph](attachment:linear_performance_warranty.png)

- **Standard Module Performance Warranty**
- **Dehui Solar Mono Module Linear Performance Warranty**

**12 YEAR WARRANTY**

**30 YEAR WARRANTY**
**Electrical Properties | NOCT**

<table>
<thead>
<tr>
<th></th>
<th>DH-60M-300</th>
<th>DH-60M-305</th>
<th>DH-60M-310</th>
<th>DH-60M-315</th>
<th>DH-60M-320</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Power (Pmax</td>
<td>300</td>
<td>305</td>
<td>310</td>
<td>315</td>
<td>320</td>
</tr>
<tr>
<td>MPP Voltage (Vmp)</td>
<td>32.90</td>
<td>33.20</td>
<td>33.40</td>
<td>33.70</td>
<td>33.90</td>
</tr>
<tr>
<td>MPP Current (Imp)</td>
<td>9.12</td>
<td>9.20</td>
<td>9.28</td>
<td>9.37</td>
<td>9.44</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>39.70</td>
<td>39.90</td>
<td>40.10</td>
<td>40.30</td>
<td>40.50</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>9.57</td>
<td>9.63</td>
<td>9.69</td>
<td>9.75</td>
<td>9.82</td>
</tr>
<tr>
<td>Module Efficiency (%)</td>
<td>18.44</td>
<td>18.75</td>
<td>19.05</td>
<td>19.36</td>
<td>19.67</td>
</tr>
</tbody>
</table>

*NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5

**Mechanical Properties**

- **Cell Type**: Mono Cell (156.75 x 156.75mm)
- **Number of Cells**: 6 x 10 (60pcs)
- **Dimension**: 1840x992x35mm
- **Weight**: 18.0kg
- **Front/Rear Glass**: 3.2mm Tempered Glass
- **Frame**: Anodized Aluminum Alloy
- **Connector**: MC4 Compatible
- **Cable Type**: 4.0 mm²
- **Length of Cable**: 1000mm
- **Junction Box**: IP67, 3 Diodes

**Temperature Coefficient**

- **Temp. Coef. of Pmax (TK Pmax)**: -0.390%/°C
- **Temp. Coef. of Voc (TK Voc)**: 0.05%/°C
- **Temp. Coef. of Isc (TK Isc)**: 0.05%/°C
- **NOCT**: 45±2°C

**Packing Manner**

- **Packing Type**: 20GQ, 30HQ, 30+30+4S, 12, 14, 360, 924

**I-V Curves**

- **Irradiance Dependence of Isc, Voc and Pmax**
- **Temperature Dependence of Isc, Voc and Pmax**

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*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Dehui Solar reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.*