ZXM6-NHLD120 Series

9BB HALF-CELL Double Glass Monocrystalline PERC PV Module

360-385W  21.13%  0.45%
POWER RANGE MAXIMUM EFFICIENCY YEARLY DEGRADATION

12 YEARS PRODUCT WARRANTY  30 YEARS OUTPUT GUARANTEE

**KEY FEATURES**

**Excellent Cells Efficiency**
9BB technology reduce the distance between busbars and finger grid line which is benefit to power increase.

**Anti PID**
Ensured PID resistance through the quality control of cell manufacturing process and raw materials.

**TIER 1**
Global, Tier 1 bankable brand, with independently certified advanced automated manufacturing.

**Better Weak Illumination Response**
More power output in weak light condition, such as haze, cloudy, and early morning.

**Adapt To Harsh Outdoor Environment**
Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity environment.

**Excellent Quality Management System**
Warranted reliability and stringent quality assurances well beyond certified requirements.

*As there are different certification requirements in different markets, please contact your local ZNShine sales representative for the specific certificates applicable to the products in the region in which the products are to be used.*
**PACKAGING CONFIGURATION**

- **Piece/Box**: 36
- **Piece/Container (40’HQ)**: 936

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**ELECTRICAL CHARACTERISTICS | STC**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Power Watt Pmax(W)</td>
<td>360, 365, 370, 375, 380, 385</td>
</tr>
<tr>
<td>Maximum Power Voltage Vmp(V)</td>
<td>33.90, 34.10, 34.30, 34.50, 34.70, 34.90</td>
</tr>
<tr>
<td>Maximum Power Current Imp(A)</td>
<td>10.62, 10.71, 10.79, 10.87, 10.96, 11.04</td>
</tr>
<tr>
<td>Open Circuit Voltage Voc(V)</td>
<td>40.60, 40.80, 41.00, 41.20, 41.40, 41.60</td>
</tr>
<tr>
<td>Short Circuit Current Isc(A)</td>
<td>11.21, 11.30, 11.39, 11.47, 11.56, 11.64</td>
</tr>
</tbody>
</table>

*The data above is for reference only and the actual data is in accordance with the practical testing.

**ELECTRICAL CHARACTERISTICS | NMOT**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power Pmax(Wp)</td>
<td>268.30, 272.20, 275.80, 279.40, 283.30, 286.90</td>
</tr>
<tr>
<td>Maximum Power Voltage Vmp(V)</td>
<td>31.50, 31.60, 31.80, 32.00, 32.20, 32.40</td>
</tr>
<tr>
<td>Maximum Power Current Imp(A)</td>
<td>8.53, 8.60, 8.67, 8.73, 8.80, 8.86</td>
</tr>
<tr>
<td>Open Circuit Voltage Voc(V)</td>
<td>37.90, 38.00, 38.20, 38.40, 38.60, 38.80</td>
</tr>
<tr>
<td>Short Circuit Current Isc(A)</td>
<td>9.05, 9.13, 9.20, 9.26, 9.34, 9.40</td>
</tr>
</tbody>
</table>

*Remark: customized frame color and cable length available upon request.

**MECHANICAL DATA**

- **Solar cells**: Mono PERC
- **Cells orientation**: 120 (6×20)
- **Module dimension**: 1755×1038×30 mm (With Frame)
- **Weight**: 22.5±1.0 kg
- **Glass**: 2.0 mm+2.0 mm, High Transmission, AR Coated Heat Strengthened Glass
- **Junction box**: IP 68, 3 diodes
- **Cables**: 4 mm², 350 mm (With Connectors)
- **Connectors**: MC4-compatible

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**TEMPERATURE RATINGS**

- **NMOT**: 44°C±2°C
- **Maximum system voltage**: 1500 V DC
- **Temperature coefficient of Pmax**: -0.36%/°C
- **Operating temperature**: -40°C→85°C
- **Temperature coefficient of Voc**: -0.29%/°C
- **Maximum series fuse**: 20 A
- **Temperature coefficient of Isc**: 0.05%/°C
- **Front Side Maximum Static Loading**: Up to 5400 Pa
- **Rear Side Maximum Static Loading**: Up to 2400 Pa

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**WORKING CONDITIONS**

- **Incident Irrad. = 1000 W/m², Module Temperature**: 25±2°C, AM 1.5
- **Incident Irrad. = 800 W/m²
- **Incident Irrad. = 600 W/m²
- **Incident Irrad. = 400 W/m²
- **Incident Irrad. = 200 W/m²

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**Note**: Specifications included in this datasheet are subject to change without notice. ZNSHINE reserves the right of final interpretation. © ZNSHINE SOLAR 2022 | Version: ZXM6-NHLD120 2208.E

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ZXM6-NHLD120 Series | ZNShinesolar 9BB HALF-CELL | Double Glass Monocrystalline PERC PV Module

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**DIMENSIONS OF PV MODULE (mm)**

- **Front View**
- **Back View**

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**P-V CURVES OF PV MODULE (360W)**

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**I-V CURVES OF PV MODULE (360W)**

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**Packaging**

- **Customized packaging is available upon request.**

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**Packaging**

- **Remark**: customized frame color and cable length available upon request.

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**Packaging**

- **Remark**: electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

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**Packaging**

- **Remark**: PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.