# HiKu
## HIGH POWER MONO PERC MODULE
### 360W~380W

**CS3L-360|365|370|375|380MS (IEC1000 V)**

**CS3L-360|365|370|375|380MS (IEC1500 V)**

**MORE POWER**
- 26% higher power than conventional modules
- Up to 4.5% lower LCOE
- Up to 2.7% lower system cost
- Low NMOT: 41 ± 3°C
- Low temperature coefficient (Pmax): -0.34%/°C
- Better shading tolerance

**MORE RELIABLE**
- Lower internal current, lower hot spot temperature
- Minimizes micro-crack impacts
- Heavy snow load up to 5400 Pa, wind load up to 3600 Pa*

**Industries Leading Product Warranty on Materials and Workmanship**

**Linear Power Performance Warranty**

1st year power degradation no more than 2%
Subsequent annual power degradation no more than 0.55%

*Subject to the terms and conditions contained in the applicable Canadian Solar Limited Warranty Statement. Also this 25-year limited product warranty is only available on products installed and operating on residential rooftops in certain regions.

**MANAGEMENT SYSTEM CERTIFICATES**
- ISO 9001:2015 / Quality management system
- ISO 14001:2015 / Standards for environmental management system

**PRODUCT CERTIFICATES**
- IEC 61215 / IEC 61730 / CE / MCS / INMETRO / UKCA
- UL 61730 / IEC 61701 / IEC 62716
- UNI 9177 Reaction to Fire: Class 1 / Take-e-way

Canadian Solar recycles panels at the end of life cycle

*The specific certificates applicable to different module types and markets will vary, and therefore not all of the certifications listed herein will simultaneously apply to the products you order or use. Please contact your local Canadian Solar sales representative to confirm the specific certificates available for your product and applicable in the regions in which the products will be used.

**CSI Solar Co., Ltd.** is committed to providing high quality solar products, solar system solutions and services to customers around the world. Canadian Solar was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey, and is a leading PV project developer and manufacturer of solar modules, with over 55 GW deployed around the world since 2001.

*For detailed information, please refer to Installation Manual.

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PARTNER SECTION

CS3L-360MS / I-V CURVES

MECHANICAL DATA

Specification | Data
---|---
Cell Type | Mono-crystalline
Cell Arrangement | 120 [2 X (10 X 6)]
Dimensions | 1765 X 1048 X 35 mm (69.5 X 41.3 X 1.38 in)
Weight | 21.0 kg (46.3 lbs)
Front Cover | 3.2 mm tempered glass
Frame | Anodized aluminium alloy, crossbar enhanced
J-Box | IP68, 3 bypass diodes
Cable | 4.0 mm² (IEC), 12 AWG (UL)
Cable Length (Including Connector) | Portrait: 500 mm (19.7 in) (+) / 350 mm (13.8 in) (-) (supply additional cable jumper: 2 lines/pallet) ; landscape: 1250 mm (49.2 in)*
Connector | PV-KST4/xy-UR, PV-KBT4/xy-UR (IEC 1000 V) or T4-PC-1 (IEC 1500 V) or PV-KST4-EVO2/XY, PV-KBT4-EVO2/XY (IEC 1500 V)
Per Pallet | 30 pieces
Per Container (40' HQ) | 780 pieces

MEANING OF CHARACTERS

* Manufactured and assembled in China, Thailand and Vietnam.

ELECTRICAL DATA | STC*

<table>
<thead>
<tr>
<th>CS3L</th>
<th>360MS</th>
<th>365MS</th>
<th>370MS</th>
<th>375MS</th>
<th>380MS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Max. Power (Pmax)</td>
<td>360 W</td>
<td>365 W</td>
<td>370 W</td>
<td>375 W</td>
<td>380 W</td>
</tr>
<tr>
<td>Opt. Operating Voltage (Vmp)</td>
<td>33.7 V</td>
<td>33.9 V</td>
<td>34.1 V</td>
<td>34.3 V</td>
<td>34.5 V</td>
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<tr>
<td>Opt. Operating Current (Imp)</td>
<td>10.69 A</td>
<td>10.78 A</td>
<td>10.86 A</td>
<td>10.94 A</td>
<td>11.02 A</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>40.4 V</td>
<td>40.6 V</td>
<td>40.8 V</td>
<td>41.0 V</td>
<td>41.2 V</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>11.40 A</td>
<td>11.47 A</td>
<td>11.54 A</td>
<td>11.61 A</td>
<td>11.68 A</td>
</tr>
<tr>
<td>Module Efficiency</td>
<td>19.5%</td>
<td>19.7%</td>
<td>20.0%</td>
<td>20.3%</td>
<td>20.5%</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C – +85°C</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Max. System Voltage</td>
<td>1500V (IEC/UL) or 1000V (IEC/UL)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Module Fire Performance</td>
<td>TYPE 1 (UL 61730 1500V) or TYPE 2 (UL 61730 1000V) or CLASS C (IEC 61730)</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Max. Series Fuse Rating</td>
<td>20 A</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Application Classification</td>
<td>Class A</td>
<td></td>
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<tr>
<td>Power Tolerance</td>
<td>0 – + 5 W</td>
<td></td>
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</tbody>
</table>

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C, Measurement uncertainty: ±3 % (Pmax).

ELECTRICAL DATA | NMOT*

<table>
<thead>
<tr>
<th>CS3L</th>
<th>360MS</th>
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<th>370MS</th>
<th>375MS</th>
<th>380MS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Max. Power (Pmax)</td>
<td>270 W</td>
<td>274 W</td>
<td>278 W</td>
<td>281 W</td>
<td>285 W</td>
</tr>
<tr>
<td>Opt. Operating Voltage (Vmp)</td>
<td>31.6 V</td>
<td>31.8 V</td>
<td>32.0 V</td>
<td>32.2 V</td>
<td>32.3 V</td>
</tr>
<tr>
<td>Opt. Operating Current (Imp)</td>
<td>8.55 A</td>
<td>8.62 A</td>
<td>8.68 A</td>
<td>8.75 A</td>
<td>8.81 A</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>38.2 V</td>
<td>38.4 V</td>
<td>38.6 V</td>
<td>38.8 V</td>
<td>38.9 V</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>9.19 A</td>
<td>9.25 A</td>
<td>9.31 A</td>
<td>9.36 A</td>
<td>9.42 A</td>
</tr>
</tbody>
</table>

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

* For detailed information, please contact your local Canadian Solar sales and technical representatives.

TEMPERATURE CHARACTERISTICS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Coefficient (Pmax)</td>
<td>-0.34 % / °C</td>
</tr>
<tr>
<td>Temperature Coefficient (Voc)</td>
<td>-0.26 % / °C</td>
</tr>
<tr>
<td>Temperature Coefficient (Isc)</td>
<td>0.05 % / °C</td>
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<tr>
<td>Nominal Module Operating Temperature</td>
<td>41 ± 3°C</td>
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</tbody>
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* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. CSI Solar Co., Ltd. reserves the right to make necessary adjustment to the information described herein at any time without further notice. Please be kindly advised that 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.