BiKu MODULE
NEW GENERATION BIFACIAL MODULE
FRONT POWER RANGE: 375W ~ 400W
UP TO 30% MORE POWER FROM THE BACK SIDE
CS3U-375 | 380 | 385 | 390 | 395 | 400MB-AG

MORE POWER

**Up to 30% more power from the back side**

**Low NMOT: 41 ± 3 °C**
Low temperature coefficient (Pmax): -0.36 % / °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 2400 Pa *

*Both 5BB and MBB modules will be supplied.

**30 years**
linear power output warranty*

**12 years**
eenhanced product warranty on materials and workmanship*

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*
ISO 9001:2015 / Quality management system
ISO 14001:2015 / Standards for environmental management system
OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*
IEC 61215 / IEC 61730: VDE / CE / MCS / INMETRO
UL 1703 / IEC 61215 performance: CEC listed (US) / FSEC (US Florida)
Take-e-way

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

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. No. 1 module supplier for quality and performance/price ratio in IHS Module Customer Insight Survey. As a leading PV project developer and manufacturer of solar modules with over 40 GW deployed around the world since 2001.

* For detailed information, please refer to Installation Manual.

CANADIAN SOLAR INC.
545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com
**ENGINEERING DRAWING (mm)**

**Rear View**

**Frame Cross Section A-A**

**Mounting Hole**

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### ELECTRICAL DATA | STC*

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CS3U-375MB-AG</td>
<td>375 W</td>
<td>39.8 V</td>
<td>9.43 A</td>
<td>47.6 V</td>
<td>9.93 A</td>
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<td>Bifacial Gain**</td>
<td>5%</td>
<td>394 W</td>
<td>39.8 V</td>
<td>9.90 A</td>
<td>47.6 V</td>
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<td>CS3U-380MB-AG</td>
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<td>CS3U-385MB-AG</td>
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<td>40.2 V</td>
<td>9.58 A</td>
<td>48.0 V</td>
<td>10.09 A</td>
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<td>404 W</td>
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<tr>
<td>CS3U-390MB-AG</td>
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<td>9.66 A</td>
<td>48.2 V</td>
<td>10.17 A</td>
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<td>10.14 A</td>
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<td>40.6 V</td>
<td>9.73 A</td>
<td>48.4 V</td>
<td>10.25 A</td>
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<td>10.22 A</td>
<td>48.4 V</td>
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<td>CS3U-400MB-AG</td>
<td>400 W</td>
<td>40.8 V</td>
<td>9.81 A</td>
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<td>10.33 A</td>
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<td>Bifacial Gain**</td>
<td>5%</td>
<td>420 W</td>
<td>40.8 V</td>
<td>10.30 A</td>
<td>48.6 V</td>
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### ELECTRICAL DATA | NMOT*

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<tr>
<td>CS3U-375MB-AG</td>
<td>280 W</td>
<td>37.2 V</td>
<td>7.54 A</td>
<td>44.8 V</td>
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<td>Bifacial Gain**</td>
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<td>37.9 V</td>
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<td>70%</td>
<td>299 W</td>
<td>38.1 V</td>
<td>7.84 A</td>
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</tbody>
</table>

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### ELECTRICAL DATA | STC* Operating Temperature

-40°C ~ +85°C

### Module Fire Performance

- TYPE 3 (UL 1703)
- or CLASS C (IEC 61730)

### Module Grounding

6-Φ5

### MECHANICAL DATA

**Specification**

- **Data**
  - Cell Type: Mono-crystalline
  - Cell Arrangement: 144 (2X[12 X 6])
  - Dimensions: 2022 x 992 x 30 mm (79.6 x 39.1 x 1.18 in)
  - Weight: 25.9 kg (57.1 lbs)
  - Front / Back Glass: 2.0 mm heat strengthened glass
  - Frame: Anodized aluminum alloy
  - J-Box: IP68, 3 diodes
  - Cable: 4.0 mm² (IEC), 12 AWG (UL)
  - Cable Length (Including Connector): Portrait: 400 mm (15.7 in) (+) / 280 mm (11.0 in) (-); landscape: 1400 mm (55.1 in); leap-frog connection: 1670 mm (65.7 in)
  - Connector: T4 series or H4 UTX or MC4-EVO2
  - Per Pallet: 33 pieces
  - Per Container (40' HQ): 726 pieces or 594 pieces (only for US)

### TEMPERATURE CHARACTERISTICS

**Specification**

- **Data**
  - Temperature Coefficient (Pmax) -0.36% / °C
  - Temperature Coefficient (Voc) -0.29% / °C
  - Temperature Coefficient (Isc) 0.05% / °C

### Nominal Module Operating Temperature 41 ± 3°C

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### PARTNER SECTION

**CANADIAN SOLAR INC.**

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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. Canadian Solar Inc. 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.