BiHiKu
HIGH POWER BIFACIAL MONO PERC MODULE
435 W ~ 460 W
UP TO 30% MORE POWER FROM THE BACK SIDE
CS3W-435|440|445|450|455|460MB-AG

MORE POWER

- Up to 30% more power from the back side
- 24% higher front side power than conventional modules
- 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 *

Enhanced Product Warranty on Materials and Workmanship*
12 Years
1st year power degradation no more than 2%
Subsequent annual power degradation no more than 0.45%

Linear Power Performance Warranty*
30 Years

* For detailed information, please refer to Installation Manual.

CSI Solar Co., Ltd.
199 Lushan Road, SND, Suzhou, Jiangsu, China, 215129, www.csisolar.com, support@csisolar.com

CSI Solar Co., Ltd. is committed to providing high quality solar photovoltaic modules, solar energy and battery storage solutions to customers. The company was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey. Over the past 20 years, it has successfully delivered over 70 GW of premium-quality solar modules across the world.
**ELECTRICAL DATA | STC**

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<tr>
<td>CS3W-435MB-AG</td>
<td>435 W</td>
<td>40.5 V</td>
<td>10.75 A</td>
<td>19.5 %</td>
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<td>Bifacial Gain**</td>
<td>5%</td>
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<td>CS3W-440MB-AG</td>
<td>440 W</td>
<td>40.7 V</td>
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<td>Bifacial Gain**</td>
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<td>CS3W-450MB-AG</td>
<td>450 W</td>
<td>41.1 V</td>
<td>10.96 A</td>
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<td>455 W</td>
<td>41.3 V</td>
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<td>CS3W-460MB-AG</td>
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<td>41.5 V</td>
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<td>41.7 V</td>
<td>10.99 A</td>
<td>20.9 %</td>
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<tr>
<td>Bifacial Gain**</td>
<td>5%</td>
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* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell albedo of the ground.

** Bifacial Gain: The additional gain from the back side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

**Bifacial Gain**

- **Power Bifaciality**:
  - 30% CS3W-435MB-AG
  - 35% CS3W-440MB-AG
  - 40% CS3W-450MB-AG
  - 45% CS3W-455MB-AG
  - 50% CS3W-460MB-AG
  - 55% CS3W-465MB-AG

**ELECTRICAL DATA | NMOT**

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<td>341 W</td>
<td>38.7 V</td>
<td>8.82 A</td>
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<td>CS3W-440MB-AG</td>
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</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.

**MECHANICAL DATA**

- **Specification**: Data
- **Cell Type**: Mono-crystalline
- **Cell Arrangement**: 144 [2 X (12 X 6)]
- **Dimensions**: 2132 x 1048 x 30 mm (83.9 x 41.3 x 1.2 in)
- **Weight**: 28.4 kg (62.6 lbs)
- **Front / Back Glass**: 2.0 mm heat strengthened glass with anti-reflective coating
- **Frame**: Anodized aluminium alloy
- **J-Box**: IP68, 3 bypass diodes
- **Cable**: 4.0 mm² (IEC), 12 AWG (UL)
- **Connector**: 400 mm (15.7 in) (+) / 280 mm (11.0 in) (-) or customized length*, T6 or T4 series or MC4-EVO2
- **Per Pallet**: 33 pieces
- **Per Container (40' HQ)**: 660 pieces or 627 pieces (only for US)

**PARTNER SECTION**

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