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 22 years, it has successfully delivered over 100 GW of premium-quality solar modules across the world.
### ELECTRICAL DATA | STC*

<table>
<thead>
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<tbody>
<tr>
<td>CS7L-580MB-AG</td>
<td>580 W</td>
<td>34.1 V</td>
<td>17.02 A</td>
<td>40.5 V</td>
<td>18.27 A</td>
<td>20.5%</td>
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<td>585 W</td>
<td>34.3 V</td>
<td>17.06 A</td>
<td>40.7 V</td>
<td>18.32 A</td>
<td>20.7%</td>
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<td>CS7L-590MB-AG</td>
<td>590 W</td>
<td>34.5 V</td>
<td>17.11 A</td>
<td>40.9 V</td>
<td>18.37 A</td>
<td>20.8%</td>
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<td>595 W</td>
<td>34.7 V</td>
<td>17.15 A</td>
<td>41.1 V</td>
<td>18.42 A</td>
<td>21.0%</td>
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<td>600 W</td>
<td>34.9 V</td>
<td>17.20 A</td>
<td>41.3 V</td>
<td>18.47 A</td>
<td>21.2%</td>
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<td>605 W</td>
<td>35.1 V</td>
<td>17.25 A</td>
<td>41.5 V</td>
<td>18.52 A</td>
<td>21.4%</td>
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<td>CS7L-610MB-AG</td>
<td>610 W</td>
<td>35.3 V</td>
<td>17.29 A</td>
<td>41.7 V</td>
<td>18.57 A</td>
<td>21.6%</td>
</tr>
</tbody>
</table>

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

** 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.

### ELECTRICAL DATA

** Operating Temperature:** -40°C to +85°C

** Max. System Voltage:** 1500 V (IEC/UL) or 1000 V (IEC/UL)

** Module Fire Performance:** TYPE 29 (UL 61730) or CLASS C (IEC61730)

** Max. Series Fuse Rating:** 35 A

** Application Classification:** Class A

** Power Tolerance:** 0 - +10 W

** Power Bifacality:** 70 %

* Power Bifacality = Pmax_front / Pmax_back, both Pmax_front and Pmax_back are tested under STC. Bifacality Tolerance: ± 5 %

### MECHANICAL DATA

** Specification:**

- **Cell Type:** Mono-crystalline
- **Cell Arrangement:** 120 [2 x (10 x 6)]
- **Dimensions:** 2172 x 1303 x 33 mm (85.5 x 51.3 x 1.3 in)
- **Weight:** 34.5 kg (76.1 lbs)
- **Front Glass:** 2 mm heat strengthened glass with anti-reflective coating
- **Back Glass:** 2 mm heat strengthened glass
- **Frame:** Anodized aluminum alloy
- **J-Box:** IP68, 3 bypass diodes
- **Cable:** 4.0 mm² (IEC), 10 AWG (UL)
- **Cable Length:** 410 mm (16.1 in) (+) / 250 mm (9.8 in) (-) or customized length*
- **Connector:** T6 or MC4-EVO2 or MC4-EVO2A
- **Per Pallet:** 33 pieces
- **Per Container (40’ HQ):** 594 pieces or 528 pieces (only for US & Canada)

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

### TEMPERATURE CHARACTERISTICS

** Specification:**

- **Temperature Coefficient (Pmax):** -0.34 % / °C
- **Temperature Coefficient (Voc):** -0.26 % / °C
- **Temperature Coefficient (Isc):** 0.05 % / °C

** Nominal Module Operating Temperature:** 41 ± 3°C

### PARTNER SECTION

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