









MAXPOWER (1500 V) CS6U-325 | 330 | 335P

Canadian Solar's new 1500 V module is a product for high voltage systems, which can increase the string length of solar systems by up to 50%, saving BOS cost.

KEY FEATURES

- 
1500 V Designed for high voltage systems of up to 1500 V_{DC}, saving on BoS cost
- 
+ Excellent module efficiency of up to: 17.23 %
- 
☁ Outstanding low irradiance performance: 96.0 %
- 
High PTC High PTC rating of up to: 92.18 %
- 
IP68 IP68 junction box for long-term weather endurance
- 
******* Heavy snow load up to 5400 Pa, wind load up to 2400 Pa



linear power output warranty



product warranty on materials and workmanship

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2008 / Quality management system

ISO 14001:2004 / Standards for environmental management system

OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730: VDE / MCS / CE / CEC AU / INMETRO

UL 1703 / IEC 61215 performance: CEC listed (US)

UL 1703: CSA

Take-e-way

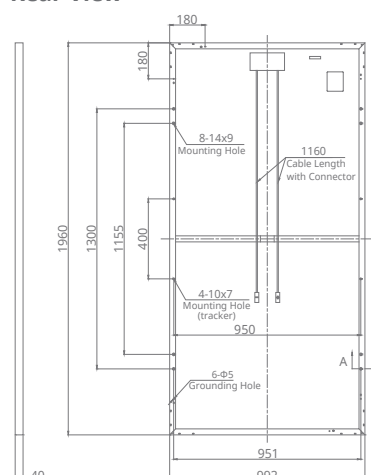


* If you need specific product certificates, and if module installations are to deviate from our guidance specified in our installation manual, please contact your local Canadian Solar sales and technical representatives.

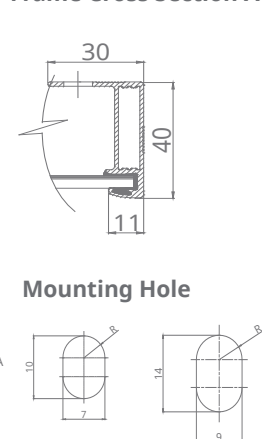
CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. As a leading PV project developer and manufacturer of solar modules with over 24 GW deployed around the world since 2001, Canadian Solar Inc. is one of the most bankable solar companies worldwide.

ENGINEERING DRAWING (mm)

Rear View



Frame Cross Section A-A



Mounting Hole

ELECTRICAL DATA | STC*

| CS6U | 325P | 330P | 335P |
|------------------------------|---|--------|--------|
| Nominal Max. Power (Pmax) | 325 W | 330 W | 335 W |
| Opt. Operating Voltage (Vmp) | 37.0 V | 37.2 V | 37.4 V |
| Opt. Operating Current (Imp) | 8.78 A | 8.88 A | 8.96 A |
| Open Circuit Voltage (Voc) | 45.5 V | 45.6 V | 45.8 V |
| Short Circuit Current (Isc) | 9.34 A | 9.45 A | 9.54 A |
| Module Efficiency | 16.72% | 16.97% | 17.23% |
| Operating Temperature | -40°C ~ +85°C | | |
| Max. System Voltage | 1500 V (IEC) or 1500 V (UL) | | |
| Module Fire Performance | TYPE 1 (UL 1703) or CLASS C (IEC 61730) | | |
| Max. Series Fuse Rating | 15 A | | |
| Application Classification | Class A | | |
| Power Tolerance | 0 ~ + 5 W | | |

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

ELECTRICAL DATA | NMOT*

| CS6U | 325P | 330P | 335P |
|------------------------------|--------|--------|--------|
| Nominal Max. Power (Pmax) | 239 W | 243 W | 247 W |
| Opt. Operating Voltage (Vmp) | 34.0 V | 34.2 V | 34.4 V |
| Opt. Operating Current (Imp) | 7.03 A | 7.10 A | 7.17 A |
| Open Circuit Voltage (Voc) | 42.4 V | 42.5 V | 42.6 V |
| Short Circuit Current (Isc) | 7.54 A | 7.63 A | 7.70 A |

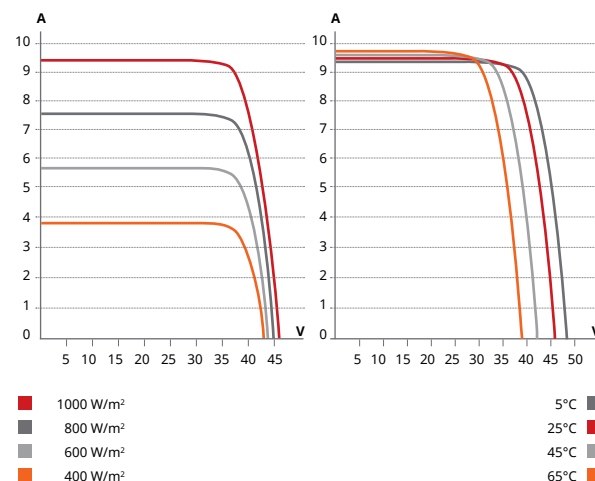
* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

PERFORMANCE AT LOW IRRADIANCE

Outstanding performance at low irradiance, with an average relative efficiency of 96.0 % for irradiances between 200 W/m² and 1000 W/m² (AM 1.5, 25°C).

* 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.

CS6U-330P / I-V CURVES



MECHANICAL DATA

| Specification | Data |
|------------------------|--|
| Cell Type | Poly-crystalline, 6 inch |
| Cell Arrangement | 72 (6×12) |
| Dimensions | 1960×992×40 mm (77.2×39.1×1.57 in) |
| Weight | 22.4 kg (49.4 lbs) |
| Front Cover | 3.2 mm tempered glass |
| Frame Material | Anodized aluminium alloy |
| J-Box | IP68, 3 diodes |
| Cable | 4.0 mm ² (IEC), 12 AWG (UL), 1160 mm (45.7 in) |
| Connector | T4 series |
| Per Pallet | 26 pieces, 635 kg (1400 lbs) |
| Per Container (40' HQ) | 624 pieces |

TEMPERATURE CHARACTERISTICS

| Specification | Data |
|---|--------------|
| Temperature Coefficient (Pmax) | -0.40 % / °C |
| Temperature Coefficient (Voc) | -0.31 % / °C |
| Temperature Coefficient (Isc) | 0.05 % / °C |
| Nominal Module Operating Temperature (NMOT) | 43 ± 2 °C |

PARTNER SECTION



CANADIAN SOLAR INC.

545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com