KuMax
CS3U-335 | 340 | 345 | 350P
(1000 V / 1500 V)

**MORE POWER**

- Low power loss in cell connection
- Low temperature coefficient (Pmax): -0.38 % / °C
- Better shading tolerance
- High PTC rating of up to: 92.57%

**MORE RELIABLE**

- Lower hot spot temperature
- Minimizes micro-cracks
- Heavy snow load up to 5400 Pa, wind load up to 3600 Pa*

25 years linear power output warranty*

12 years enhanced 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 / CQC / CGC / MCS / INMETRO
UL 1703 / IEC 61215 performance: CEC listed (US) / FSEC (US Florida)

*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 36 GW deployed around the world since 2001.

* For detailed information, please refer to the Installation Manual.

CANADIAN SOLAR INC.
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ELECTRICAL DATA | STC*

CS3U 335P 340P 345P 350P
Nominal Max. Power (Pmax) 335 W 340 W 345 W 350 W
Opt. Operating Voltage (Vmp) 38.2 V 38.4 V 38.6 V 39.2 V
Opt. Operating Current (Imp) 8.77 A 8.86 A 8.94 A 8.94 A
Open Circuit Voltage (Voc) 45.7 V 45.9 V 46.1 V 46.6 V
Short Circuit Current (Isc) 9.28 A 9.36 A 9.44 A 9.51 A
Module Efficiency 16.89% 17.14% 17.39% 17.64%
Operating Temperature -40°C ~ +85°C
Max. System Voltage 1500V (IEC/UL) or 1000V (IEC/UL)
Module Fire Performance TYPE 1 (UL 1703) or Class C (IEC 61730)
Max. Series Fuse Rating 30 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*

CS3U 335P 340P 345P 350P
Nominal Max. Power (Pmax) 248 W 251 W 255 W 259 W
Opt. Operating Voltage (Vmp) 35.3 V 35.5 V 35.6 V 36.2 V
Opt. Operating Current (Imp) 7.02 A 7.08 A 7.15 A 7.15 A
Open Circuit Voltage (Voc) 42.6 V 42.7 V 42.9 V 43.4 V
Short Circuit Current (Isc) 7.49 A 7.55 A 7.62 A 7.68 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.

MECHANICAL DATA
Specification Data
Cell Type Poly-crystalline
Cell Arrangement 144 [2 X (12 X 6)]
Dimensions 2000 X 992 X 35 mm
(78.7 X 39.1 X 1.38 in)
Weight 22.5 kg (49.6 lbs)
Front Cover 3.2 mm tempered glass
Frame Anodized aluminium alloy, crossbar enhanced
J-Box IP68, 3 bypass diodes
Cable 4 mm² (IEC), 12 AWG (UL)
Cable Length (Including Connector) Portrait: 400 mm (15.7 in) (+) / 280 mm (11.0 in) (-); landscape: 1250 mm (49.2 in); leap-frog connection: 1670 mm (65.7 in)*
Connector T4 series or H4 UTX or MC4-EVO2
Per Pallet 30 pieces
Per Container (40’ HQ) 660 pieces
* For detailed information, please contact your local Canadian Solar sales and technical representatives.

TEMPERATURE CHARACTERISTICS
Specification Data
Temperature Coefficient (Pmax) -0.38 % / °C
Temperature Coefficient (Voc) -0.31 % / °C
Temperature Coefficient (Isc) 0.05 % / °C
Nominal Module Operating Temperature 43 ± 3°C

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 adjustments 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.