KuPower
HIGH EFFICIENCY MONO PERC MODULE
CS3K-315|320|325|330MS
(1000 V / 1500 V)

MORE POWER

- Low power loss in cell connection
- Low NMOT: 42 ± 3 °C
- Low temperature coefficient (Pmax): -0.36 % / °C
- Better shading tolerance
- High PTC rating of up to: 93.11 %

MORE RELIABLE

- Lower hot spot temperature
- Minimizes micro-cracks
- Heavy snow load up to 6000 Pa, wind load up to 4000 Pa*

*Black frame product can be provided upon request.

25 years linear power output warranty*

10 years 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 / CQC
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 33 GW deployed around the world since 2001.

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

CANADIAN SOLAR INC.,
545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, support@canadiansolar.com
ELECTRICAL DATA | STC*

CS3K 315MS 320MS 325MS 330MS
Nominal Max. Power (Pmax) 315 W 320 W 325 W 330 W
Opt. Operating Voltage (Vmp) 33.1 V 33.3 V 33.5 V 33.7 V
Opt. Operating Current (Imp) 9.52 A 9.61 A 9.71 A 9.80 A
Open Circuit Voltage (Voc) 39.9 V 40.1 V 40.3 V 40.5 V
Short Circuit Current (Isc) 10.06 A 10.14 A 10.22 A 10.30 A
Module Efficiency 18.96% 19.26% 19.56% 19.86%
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*

CS3K 315MS 320MS 325MS 330MS
Nominal Max. Power (Pmax) 235 W 238 W 242 W 246 W
Opt. Operating Voltage (Vmp) 30.8 V 31.0 V 31.2 V 31.4 V
Opt. Operating Current (Imp) 7.61 A 7.69 A 7.76 A 7.84 A
Open Circuit Voltage (Voc) 37.4 V 37.6 V 37.8 V 38.0 V
Short Circuit Current (Isc) 8.12 A 8.18 A 8.24 A 8.31 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 Mono-crystalline
Cell Arrangement 120 [2 X (10 X 6)]
Dimensions 1675 X 992 X 35 mm
Weight 18.5 kg (40.8 lbs)
Front Cover 3.2 mm tempered glass
Frame Anodized aluminium alloy
J-Box IP68, 3 bypass 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: 1160 mm (45.7 in)*
Connector T4 series or H4 UTX or MC4-EVO2
Per Pallet 30 pieces
Per Container (40’ HQ) 840 pieces

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

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 42 ± 3°C

PARTNER SECTION

CANADIAN SOLAR INC.
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