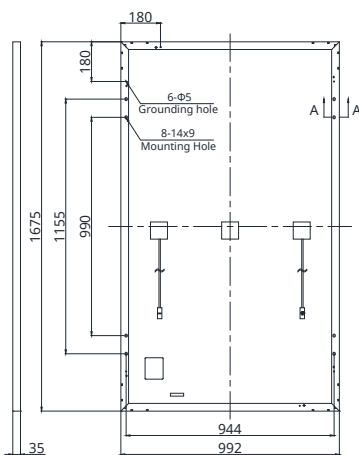
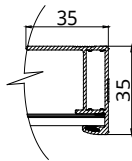


ENGINEERING DRAWING (mm)

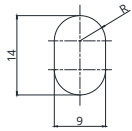
Rear View



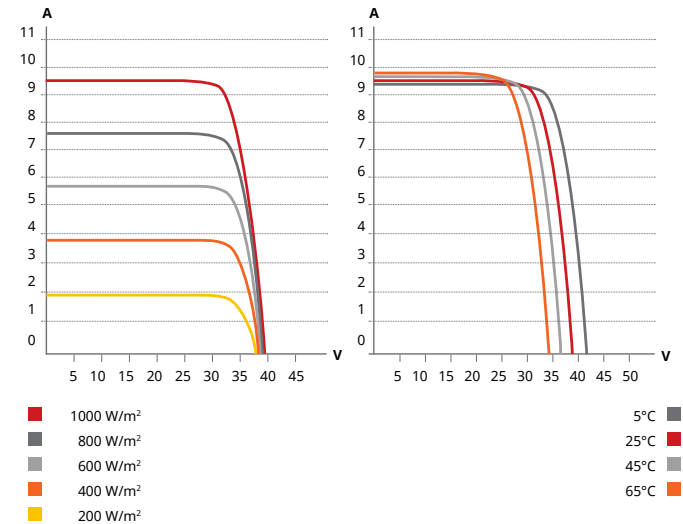
Frame Cross Section A-A



Mounting Hole



CS3K-300P / I-V CURVES



ELECTRICAL DATA | STC*

CS3K	295P	300P	305P	310P
Nominal Max. Power (Pmax)	295 W	300 W	305 W	310 W
Opt. Operating Voltage (Vmp)	32.5 V	32.7 V	32.9 V	33.1 V
Opt. Operating Current (Imp)	9.08 A	9.18 A	9.28 A	9.37 A
Open Circuit Voltage (Voc)	39.1 V	39.3 V	39.5 V	39.7 V
Short Circuit Current (Isc)	9.57 A	9.65 A	9.73 A	9.81 A
Module Efficiency	17.8%	18.1%	18.4%	18.7%
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 ~ + 10 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	295P	300P	305P	310P
Nominal Max. Power (Pmax)	220 W	223 W	227 W	231 W
Opt. Operating Voltage (Vmp)	30.2 V	30.4 V	30.6 V	30.8 V
Opt. Operating Current (Imp)	7.26 A	7.34 A	7.42 A	7.49 A
Open Circuit Voltage (Voc)	36.7 V	36.9 V	37.1 V	37.3 V
Short Circuit Current (Isc)	7.72 A	7.78 A	7.85 A	7.91 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.

* 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.

MECHANICAL DATA

Specification	Data
Cell Type	Poly-crystalline
Cell Arrangement	120 [2 X (10 X 6)]
Dimensions	1675 X 992 X 35 mm (65.9 X 39.1 X 1.38 in)
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 mm ² (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)	-0.28 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	42 ± 3°C

PARTNER SECTION



ENERTRON d.o.o.
Šmartinska cesta 68 SI –
1000 Ljubljana

Contact person: Urška Sušnik

Email: urska.susnik@enertron.si / Phone: +386 41 642 420

CANADIAN SOLAR INC.

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