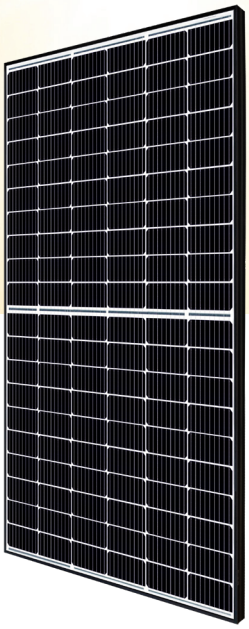
CanadianSolar



HiKu

HIGH POWER MONO PERC MODULE

360W~380W

CS3L-360|365|370|375|380MS (IEC1000 V)

CS3L-360|365|370|375|380MS (IEC1500 V)

MORE POWER

26 % higher power than conventional modules

Up to 4.5 % lower LCOE
Up to 2.7 % lower system cost

Low NMOT: 41 ± 3 °C
Low temperature coefficient (Pmax): -0.34 % / °C

Better shading tolerance

MORE RELIABLE

Lower internal current, lower hot spot temperature

Minimizes micro-crack impacts

Heavy snow load up to 5400 Pa, wind load up to 3600 Pa*

25 Years Industry Leading Product Warranty on Materials and Workmanship*

25 Years Linear Power Performance Warranty*

1st year power degradation no more than 2%
Subsequent annual power degradation no more than 0.55%

*Subject to the terms and conditions contained in the applicable Canadian Solar Limited Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in certain regions.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2015 / Quality management system
ISO 14001:2015 / Standards for environmental management system
ISO 45001: 2018 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / MCS / INMETRO / UKCA
UL 61730 / IEC 61701 / IEC 62716
UNI 9177 Reaction to Fire: Class 1 / Take-e-way

Canadian Solar recycles panels at the end of life cycle

* The specific certificates applicable to different module types and markets will vary, and therefore not all of the certifications listed herein will simultaneously apply to the products you order or use. Please contact your local Canadian Solar sales representative to confirm the specific certificates available for your product and applicable in the regions in which the products will be used.

CSI Solar Co., Ltd. is committed to providing high quality solar products, solar system solutions and services to customers around the world. Canadian Solar was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey, and is a leading PV project developer and manufacturer of solar modules, with over 55 GW deployed around the world since 2001.

* For detailed information, please refer to Installation Manual.

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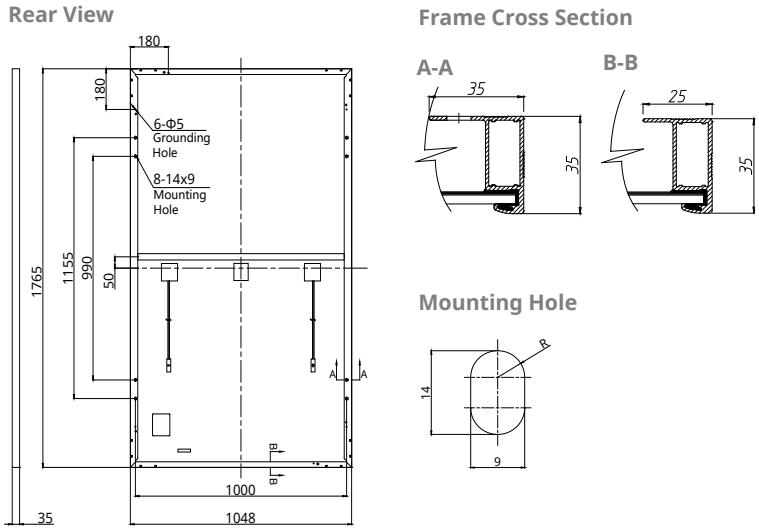
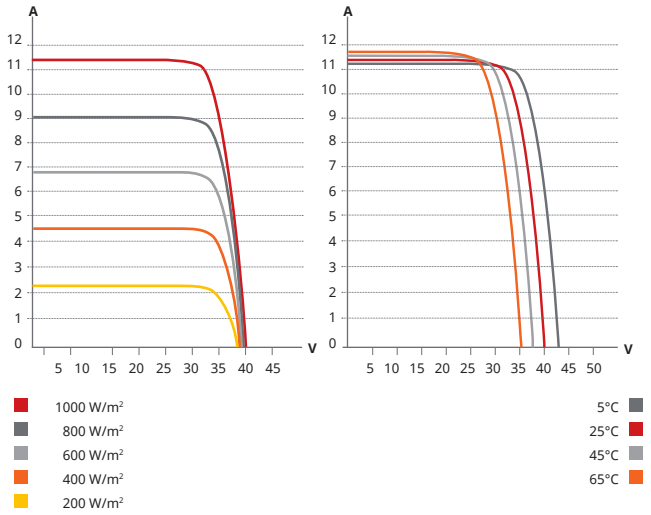
ENGINEERING DRAWING (mm)



CS3L-360MS / I-V CURVES



ELECTRICAL DATA | STC*

CS3L	360MS	365MS	370MS	375MS	380MS
Nominal Max. Power (Pmax)	360 W	365 W	370 W	375 W	380 W
Opt. Operating Voltage (Vmp)	33.7 V	33.9 V	34.1 V	34.3 V	34.5 V
Opt. Operating Current (Imp)	10.69 A	10.78 A	10.86 A	10.94 A	11.02 A
Open Circuit Voltage (Voc)	40.4 V	40.6 V	40.8 V	41.0 V	41.2 V
Short Circuit Current (Isc)	11.40 A	11.47 A	11.54 A	11.61 A	11.68 A
Module Efficiency	19.5%	19.7%	20.0%	20.3%	20.5%
Operating Temperature	-40°C ~ +85°C				
Max. System Voltage	1500V (IEC/UL) or 1000V (IEC/UL)				
Module Fire Performance	TYPE 1 (UL 61730 1500V) or TYPE 2 (UL 61730 1000V) or CLASS C (IEC 61730)				
Max. Series Fuse Rating	20 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. Measurement uncertainty: ±3 % (Pmax).

ELECTRICAL DATA | NMOT*

CS3L	360MS	365MS	370MS	375MS	380MS
Nominal Max. Power (Pmax)	270 W	274 W	278 W	281 W	285 W
Opt. Operating Voltage (Vmp)	31.6 V	31.8 V	32.0 V	32.2 V	32.3 V
Opt. Operating Current (Imp)	8.55 A	8.62 A	8.68 A	8.75 A	8.81 A
Open Circuit Voltage (Voc)	38.2 V	38.4 V	38.6 V	38.8 V	38.9 V
Short Circuit Current (Isc)	9.19 A	9.25 A	9.31 A	9.36 A	9.42 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	1765 X 1048 X 35 mm (69.5 X 41.3 X 1.38 in)
Weight	21.0 kg (46.3 lbs)
Front Cover	3.2 mm tempered glass
Frame	Anodized aluminium alloy, crossbar enhanced
J-Box	IP68, 3 bypass diodes
Cable	4.0 mm² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	Portrait: 500 mm (19.7 in) (+) / 350 mm (13.8 in) (-) (supply additional cable jumper: 2 lines/pallet) ; landscape: 1250 mm (49.2 in)*
Connector	PV-KST4/xy-UR, PV-KBT4/xy-UR (IEC 1000 V) or T4-PC-1 (IEC 1500 V) or PV-KST4-EVO2/XY, PV-KBT4-EVO2/XY (IEC 1500 V)
Per Pallet	30 pieces
Per Container (40' HQ)	780 pieces

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

TEMPERATURE CHARACTERISTICS

Specification	Data
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

* 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 .CSI Solar Co., Ltd. reserves the right to make necessary adjustment 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.

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* Manufactured and assembled in China, Thailand and Vietnam.