



INFINITE ENERGY DEVELOPMENT PLANS



11/11/2019

Client Details:

Rocky Bay Ltd
15 Chessell Drive, Duncraig W.A. 6023
Marnus Van Der Merwe - 6282 1951

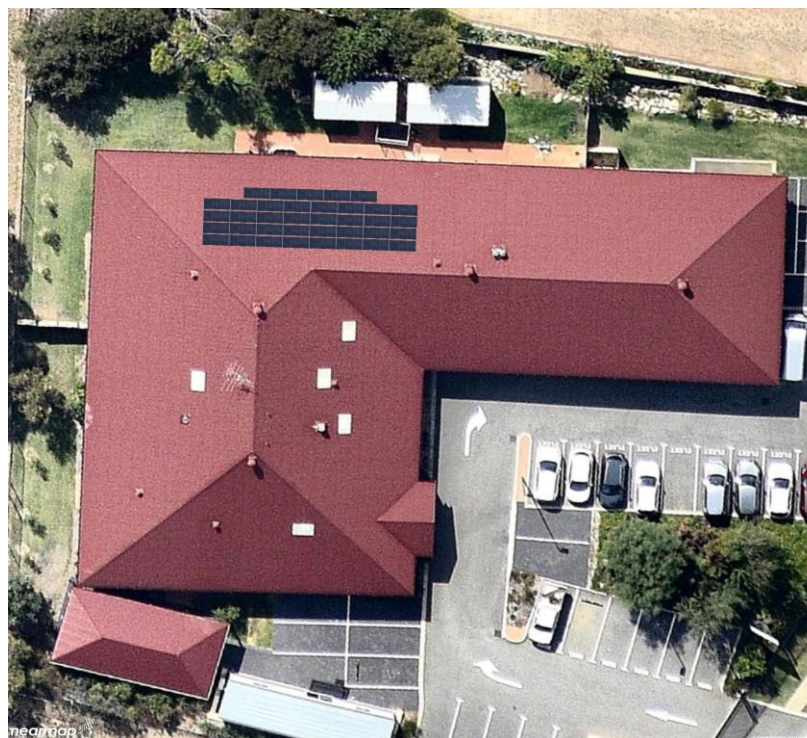
System Details:

Panels: 37 CANADIAN SOLAR 355
Dimensions: 1559x1046x46mm

Racking:

CLENERGY FLUSH

Roof and Site Layout:



Site Location:



Lot Details:



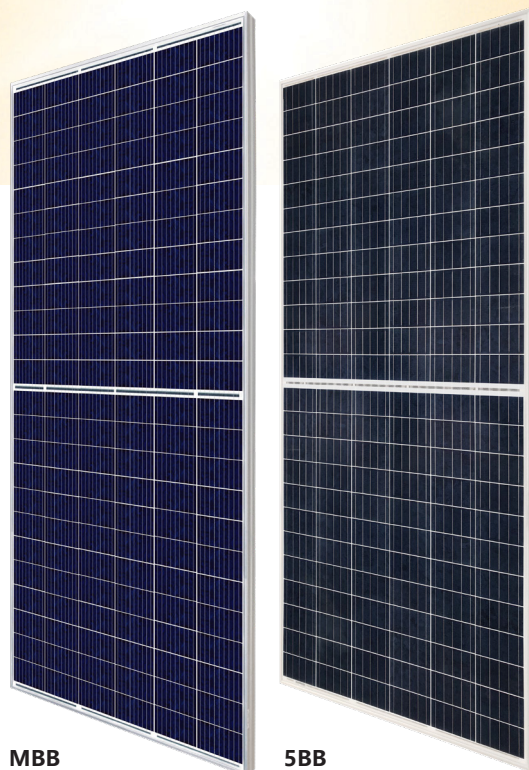


KuMax

HIGH EFFICIENCY POLY MODULE

CS3U-350 | 355 | 360P (IEC1000V)

CS3U-350 | 355 | 360P (IEC1500V)



MBB

5BB

MORE POWER



Low power loss in cell connection



Low NMOT: $42 \pm 3^\circ\text{C}$
Low temperature coefficient (Pmax): $-0.37\% / ^\circ\text{C}$



Better shading tolerance



High PTC rating of up to: 92.64 %

MORE RELIABLE



Minimizes micro-cracks



Lower hot spot temperature



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

25
years

linear power output warranty

12
years

product warranty on materials
and workmanship

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 / CEC AU
UL 1703 / IEC 61215 performance: CEC listed (US) / FSEC (US Florida)
UL 1703: CSA / IEC61701 ED2: VDE / IEC62716: VDE / IEC60068-2-68: SGS
Take-e-way



*We can provide this product with special BOM specifically certified with salt mist, ammonia and sand blowing tests. Please talk to our local technical sales representatives to get your customized solutions.

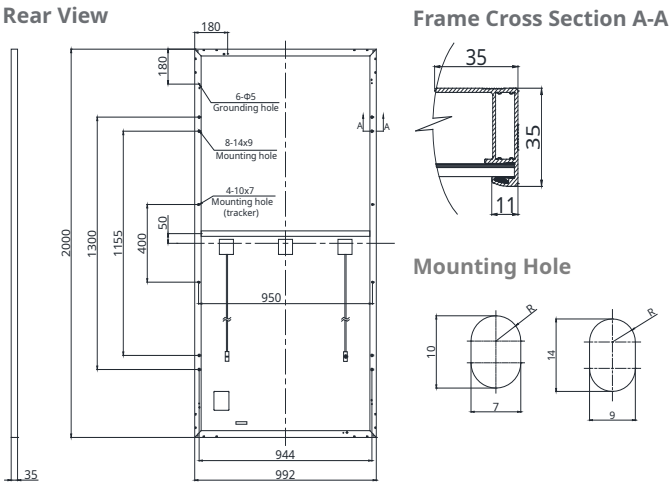
CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. No. 1 module supplier for quality and performance/price ratio in IHS Module Customer Insight Survey. As a leading PV project developer and manufacturer of solar modules with over 30 GW deployed around the world since 2001.

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

CANADIAN SOLAR INC.

Canadian Solar MSS (Australia) Pty Ltd., 44 Stephenson St, Cremorne VIC 3121, Australia
support@canadiansolar.com, www.canadiansolar.com/au

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

CS3U	350P	355P	360P
Nominal Max. Power (Pmax)	350 W	355 W	360 W
Opt. Operating Voltage (Vmp)	39.2 V	39.4 V	39.6 V
Opt. Operating Current (Imp)	8.94 A	9.02 A	9.10 A
Open Circuit Voltage (Voc)	46.6 V	46.8 V	47.0 V
Short Circuit Current (Isc)	9.51 A	9.59 A	9.67 A
Module Efficiency	17.64%	17.89%	18.15%
Operating Temperature	-40°C ~ +85°C		
Max. System Voltage	1500V (IEC/UL) or 1000V (IEC/UL)		
Module Fire Performance	TYPE 3 / Type 13 (UL 1703) or CLASS A (IEC61730)		
Max. Series Fuse Rating	30 A		
Application Classification	Class A		
Power Tolerance	0 ~ + 5 W		

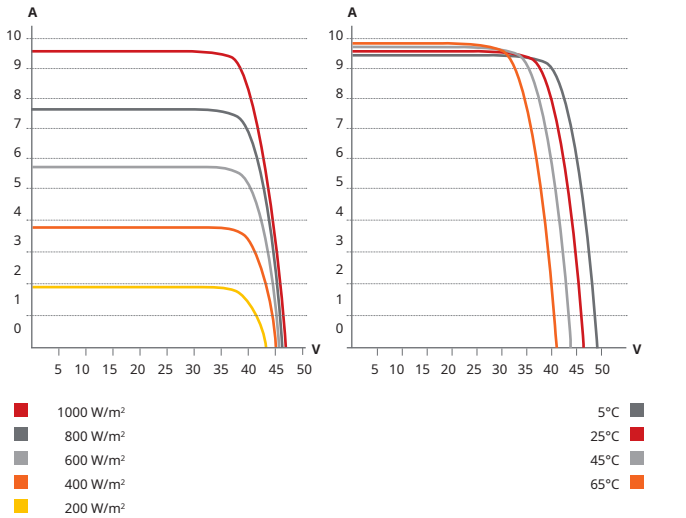
* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C. Measurement uncertainty: ±3 % (Pmax).

ELECTRICAL DATA | NMOT*

CS3U	350P	355P	360P
Nominal Max. Power (Pmax)	260 W	264 W	268 W
Opt. Operating Voltage (Vmp)	36.2 V	36.4 V	36.6 V
Opt. Operating Current (Imp)	7.18 A	7.25 A	7.31 A
Open Circuit Voltage (Voc)	43.7 V	43.9 V	44.1 V
Short Circuit Current (Isc)	7.67 A	7.74 A	7.80 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.

CS3U-355P / I-V CURVES



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 diodes
Cable	4 mm ² (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 (MC4 series is available)
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)	-0.37 % / °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.

Canadian Solar MSS (Australia) Pty Ltd., 44 Stephenson St, Cremorne VIC 3121, Australia
support@canadiansolar.com, www.canadiansolar.com/au

Jun. 2019. All rights reserved, PV Module Product Datasheet V5.583_AU

Manufacture in China, Thailand and Vietnam.