NEW

CanadianSolar

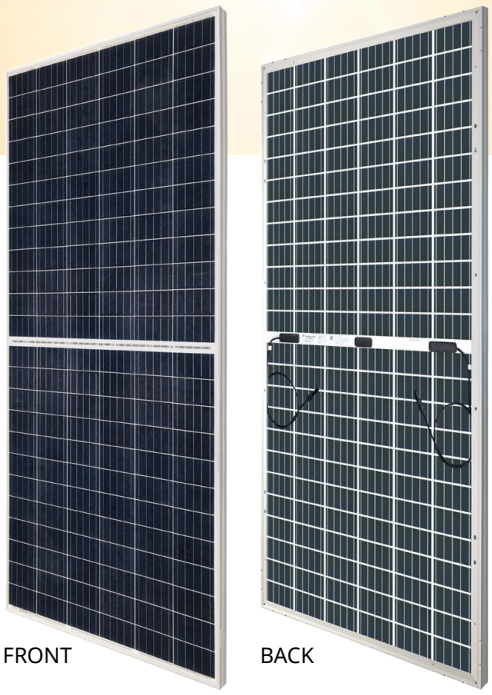
BiKu MODULE

NEW GENERATION BIFACIAL MODULE

FRONT POWER RANGE: 350W ~ 365W

ADDITIONAL BACK POWER OUTPUT UP TO 30%

CS3U-350|355|360|365PB-AG



5BB cell MBB cell

* Both 5BB and MBB modules will be supplied.

MORE POWER

UP TO 30% — Up to 30% more energy yield due to back side power generation

42°C — Low NMOT: 42 ± 3 °C
Low temperature coefficient (Pmax): -0.37 % / °C

Innovative module design, Better shading tolerance

MORE RELIABLE

Lower internal current, lower hot spot temperature

Minimizes micro-cracks and prevents snail trails

Fire Class A and Type 3 / Type 13

Heavy snow load up to 8100 Pa, wind load up to 4000 Pa *

* For detailed information, please refer to Installation Manual.

30 years power output warranty

10 years product warranty on materials and workmanship

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2008 / Quality management system
ISO 14001:2004 / Standards for environmental management system
OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730: VDE / CE
UL 1703: CSA

* If you need specific product certificates, and if module installations are to deviate from our guidance specified in our installation manual, please contact your local Canadian Solar sales and technical representatives.

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. As a leading PV project developer and manufacturer of solar modules with about 30 GW deployed around the world since 2001, Canadian Solar Inc. is one of the most bankable solar companies worldwide.

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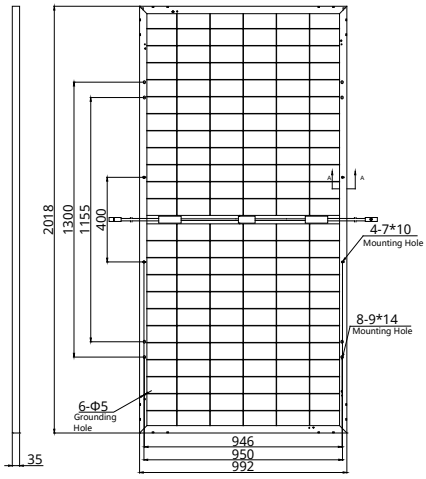
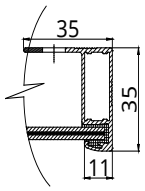
ENGINEERING DRAWING (mm)

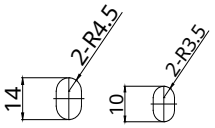
Rear View



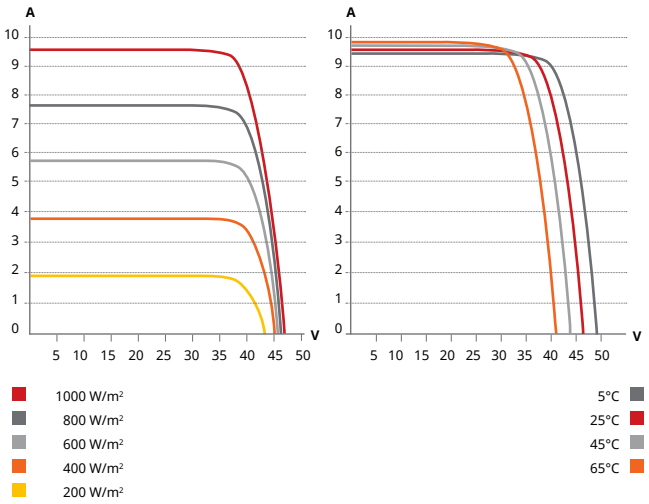
Frame Cross Section A-A



Mounting Hole



CS3U-355PB-AG / I-V CURVES



ELECTRICAL DATA | STC*

		Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)	Module Efficiency
CS3U-350PB-AG		350 W	39.2 V	8.94 A	46.6 V	9.51 A	17.48%
Bifacial Gain**	5%	368 W	39.2 V	9.39 A	46.6 V	9.99 A	18.38%
	10%	385 W	39.2 V	9.83 A	46.6 V	10.46 A	19.23%
	20%	420 W	39.2 V	10.73 A	46.6 V	11.41 A	20.98%
	30%	455 W	39.2 V	11.62 A	46.6 V	12.36 A	22.73%
CS3U-355PB-AG		355 W	39.4 V	9.02 A	46.8 V	9.59 A	17.73%
Bifacial Gain**	5%	373 W	39.4 V	9.47 A	46.8 V	10.07 A	18.63%
	10%	391 W	39.4 V	9.92 A	46.8 V	10.55 A	19.53%
	20%	426 W	39.4 V	10.82 A	46.8 V	11.51 A	21.28%
	30%	462 W	39.4 V	11.73 A	46.8 V	12.47 A	23.08%
CS3U-360PB-AG		360 W	39.6 V	9.1 A	47 V	9.67 A	17.98%
Bifacial Gain**	5%	378 W	39.6 V	9.56 A	47 V	10.15 A	18.88%
	10%	396 W	39.6 V	10.01 A	47 V	10.64 A	19.78%
	20%	432 W	39.6 V	10.92 A	47 V	11.6 A	21.58%
	30%	468 W	39.6 V	11.83 A	47 V	12.57 A	23.38%
CS3U-365PB-AG		365 W	39.8 V	9.18 A	47.2 V	9.75 A	18.23%
Bifacial Gain**	5%	383 W	39.8 V	9.64 A	47.2 V	10.24 A	19.13%
	10%	402 W	39.8 V	10.1 A	47.2 V	10.73 A	20.08%
	20%	438 W	39.8 V	11.02 A	47.2 V	11.7 A	21.88%
	30%	475 W	39.8 V	11.93 A	47.2 V	12.68 A	23.73%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.
** Bifacial Gain: The additional gain from the back side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

ELECTRICAL DATA | NMOT*

	Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)
CS3U-350PB-AG	260 W	36.2 V	7.18 A	43.7 V	7.67 A
CS3U-355PB-AG	264 W	36.4 V	7.25 A	43.9 V	7.74 A
CS3U-360PB-AG	268 W	36.6 V	7.31 A	44.1 V	7.80 A
CS3U-365PB-AG	271 W	36.8 V	7.38 A	44.3 V	7.87 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	2018 × 992 × 35 mm (79.4 × 39.1 × 1.38 in)
Weight	26.3 kg (58.0 lbs)
Front / Back Glass	2.0 mm heat strengthened glass
Frame	Anodized aluminium alloy
J-Box	IP68, 3 diodes
Cable	4.0 mm² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	Portrait: 400 mm (15.7 in) (+) / 200 mm (7.9 in) (-); landscape: 1250 mm (49.2 in); leap-frog connection: 1670 mm (65.7 in)*
Connector	T4 series
Per Pallet	30 pieces
Per Container (40' HQ)	660 pieces

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

ELECTRICAL DATA

Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500 V (IEC) or 1000 V (IEC/UL)
Module Fire Performance	TYPE 3 / Type 13 (UL 1703) or CLASS A (IEC61730)
Max. Series Fuse Rating	20 A
Application Classification	Class A
Power Tolerance	0 ~ + 5 W

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

* 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 adjustment to the information described herein at any time without further notice.

PARTNER SECTION

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