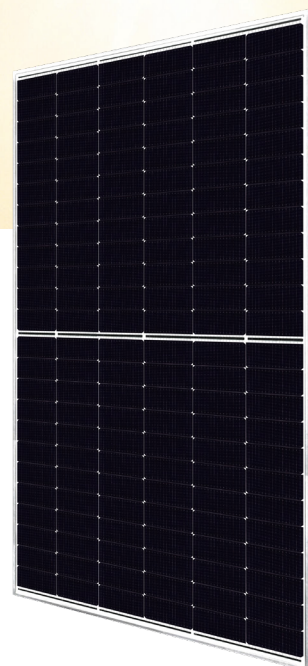




TOPHiKu6

N-type TOPCon Technology

570 W ~ 600 W

CS6W-575 | 580 | 585 | 590 | 595 | 600 | 605T (IEC1000 V)

CS6W-575 | 580 | 585 | 590 | 595 | 600 | 605T (IEC1500 V)

MORE POWER



Module power up to 605 W
Module efficiency up to 23.4 %



Excellent anti-LeTID & anti-PID performance.
Low power degradation, high energy yield



Lower temperature coefficient (Pmax): -0.29%/°C,
increases energy yield in hot climate



Lower LCOE & system cost



Enhanced Product Warranty on Materials and Workmanship*



Linear Power Performance Warranty*

**1st year power degradation no more than 1%
Subsequent annual power degradation no more than 0.4%**

*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
ISO 45001: 2018 / International standards for occupational health & safety
IEC 62941: 2019 / Photovoltaic module manufacturing quality system

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / INMETRO / MCS / UKCA / CGC
UL 61730 / IEC 61701 / IEC 62716 / IEC 60068-2-68



* 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.

MORE RELIABLE



Tested up to ice ball of 45 mm diameter
according to IEC 61215 standard



Minimizes micro-crack impacts

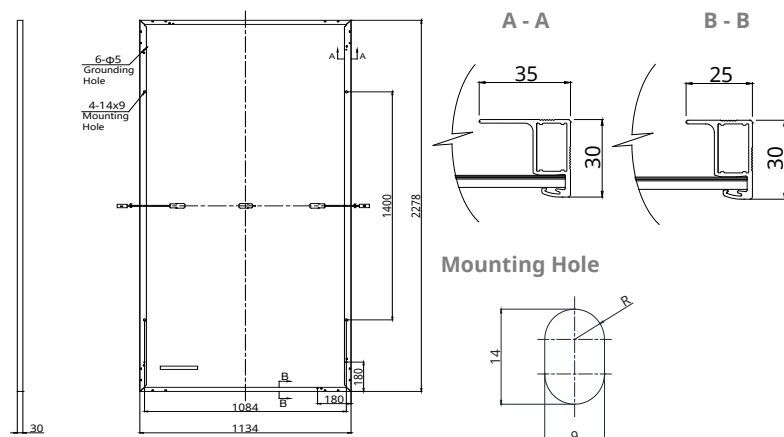


Heavy snow load up to 5400 Pa,
wind load up to 2400 Pa*

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

CSI Solar Co., Ltd. is committed to providing high quality solar photovoltaic modules, solar energy and battery storage solutions to customers. The company was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey. Over the past 23 years, it has successfully delivered over 125 GW of premium-quality solar modules across the world.

Rear View



CS6W	575T	580T	585T	590T	595T	600T	605T
Nominal Max. Power (Pmax)	575 W	580 W	585 W	590 W	595 W	600 W	605 W
Opt. Operating Voltage (Vmp)	42.9 V	43.1 V	43.3 V	43.5 V	43.7 V	43.9 V	44.1 V
Opt. Operating Current (Imp)	13.41 A	13.46 A	13.52 A	13.57 A	13.62 A	13.68 A	13.73 A
Open Circuit Voltage (Voc)	52.0 V	52.2 V	52.4 V	52.6 V	52.8 V	53.0 V	53.2 V
Short Circuit Current (Isc)	13.88 A	13.93 A	14.00 A	14.06 A	14.12 A	14.18 A	14.24 A
Module Efficiency	22.3%	22.5%	22.6%	22.8%	23.0%	23.2%	23.4%
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	25 A						
Protection Class	Class II						
Power Tolerance	0 ~ + 10 W						

Specification	Data
Cell Type	TOPCon cells
Cell Arrangement	144 [2 x (12 x 6)]
Dimensions	2278 x 1134 x 30 mm (89.7 x 44.6 x 1.18 in)
Weight	27.6 kg (60.8 lbs)
Front Cover	3.2 mm tempered glass with anti-ref- lective coating
Frame	Anodized aluminium alloy,
J-Box	IP68, 3 bypass diodes
Cable	4 mm ² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	300 mm (11.8 in) (+) / 200 mm (7.9 in) (-) or customized length*
Connector	Tlian: T6 Stäubli: PV-KST4/xy-UR, PV-KBT4/ xy-UR or PV-KST4-EVO2/xy-UR, PV KBT4-EVO2/xy-UR or PV-KST4- EVO2A/xy-UR, PV-KBT4-EVO2A/xy-UR
Per Pallet	35 pieces

CS6W	575T	580T	585T	590T	595T	600T	605T
Nominal Max. Power (Pmax)	435 W	439 W	443 W	446 W	450 W	454 W	458 W
Opt. Operating Voltage (Vmp)	40.6 V	40.7 V	40.9 V	41.1 V	41.3 V	41.5 V	41.7 V
Opt. Operating Current (Imp)	10.72 A	10.77 A	10.81 A	10.85 A	10.89 A	10.94 A	10.98 A
Open Circuit Voltage (Voc)	49.2 V	49.4 V	49.6 V	49.8 V	50.0 V	50.2 V	50.4 V
Short Circuit Current (Isc)	11.19 A	11.23 A	11.29 A	11.34 A	11.39 A	11.43 A	11.48 A

Specification	Data
Temperature Coefficient (Pmax)	-0.29 % / °C
Temperature Coefficient (Voc)	-0.25 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

[illegible]

Canadian Solar MSS (Australia) Pty Ltd.

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