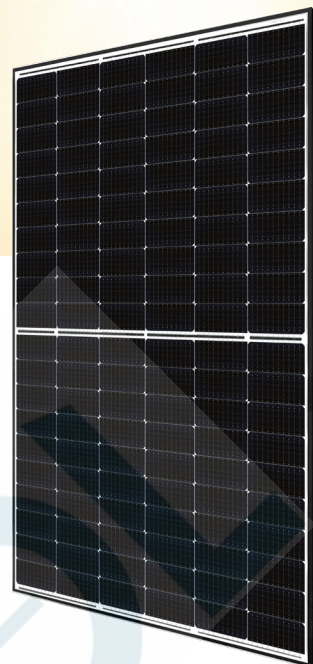




HiKu6 Mono PERC

445W ~ 465W

CS6L-445 | 450 | 455 | 460 | 465MS

HIGHER PERFORMANCE



Panel power up to 465 W
Panel efficiency up to 21.5%



Lower LCOE and system costs



Comprehensive LID/LeTID mitigation technology, up to 50% lower degradation



Higher shade tolerance

HIGHER RELIABILITY



Minimizes the impact of micro



High snow and wind load up to 2400 Pa*



Industry-leading extended product warranty on materials and workmanship*



Linear power guarantee*

Performance degradation in the first year no more than 2%

Subsequent annual performance degradation of no more than 0.55%

* Subject to the terms and conditions set forth in the applicable company limited warranty statement



*Specific certifications applicable to different panel types and markets will vary, and therefore not all certifications listed here will be applicable to the products you order or use. Please contact your local Canadian Solar sales representative to determine which specific certifications are available for your product and valid in the regions where the products will be used.

CSI Solar Co., Ltd. is committed to providing customers with high-quality solar photovoltaic modules, solar power and battery storage. The company was recognized as the No. 1 module supplier in terms of quality and performance/price ratio in the IHS Module Customer Insight Survey. Over the past 201 years, it has successfully delivered more than 82W of top-quality solar modules worldwide.

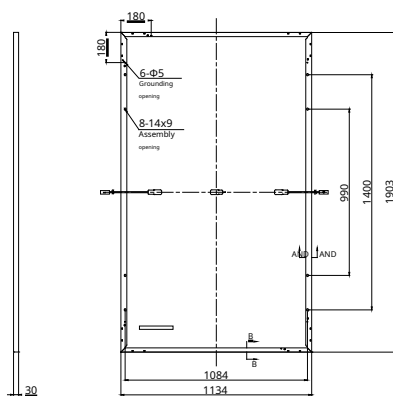
* detailed information can be found in the Installation Manual

CSI Solar Co., Ltd.

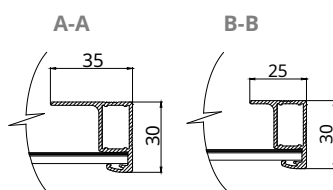
199 Lushan Road, SND, Suzhou, Jiangsu, China, 215129, www.csisolar.com, support@csisolar.com

PANEL DRAWING (mm)

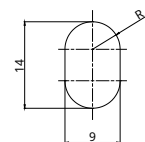
Rear view



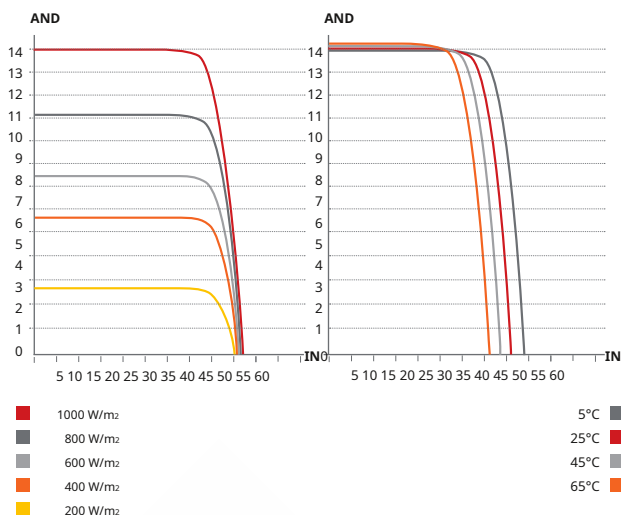
Frame cut



Mounting hole



CS6L-460MS/IVCURVES



ELECTRICAL SPECS. | STC*

CS6L	445MS	450MS	455MS	460MS	465MS
Nominal max. power (Pmpp)	445 W	450W	455 W	460W	465 W
Max. power voltage (Ump)	34.2V	34.4V	34.6V	34.8V	35.0V
Max. power current (Imp)	13.03 A	13.10 A	13.17 A	13.24 A	13.30 A
Open circuit voltage (Uoc)	40.8V	41.0 V	41.2V	41.4V	41.6V
Short circuit current (Isc)	13.86 A	13.9 A	13.95 A	14.00 A	14.09 A
Panel efficiency	20.6%	20.9%	21.1%	21.3%	21.5%
Operating temperature	-40°C ~ +85°C				
Max system voltage	1500V (IEC/UL) or 1000V (IEC/UL)				
Fire certification	TYPE 1 (UL 61730 1500V) or TYPE 2 (UL 61730 1000V) or CLASS C (IEC 61730)				
Maximum reverse current	25 A				
Application classification	Class A				
Power tolerance	0 ~ + 10W				

* Measured under Standard Test Conditions (STC), irradiance 1000 W/m², AM 1.5 and cell temperature 25°C

ELECTRICAL SPECS. | NMOT*

CS6L	445MS
Nominal max. power (Pmpp)	334 W
Max. power voltage (Ump)	32.1V
Max. power current (Imp)	10.41 A
Open circuit voltage (Uoc)	38.6V
Short circuit current (Isc)	11.18 A

* Measured under normal operating conditions (NMO) wind speed 1 m/s.

from the actual parameters, mainly due to continuous innovation and improvement of our products. Canadian Solar Inc. reserves the right to change the stated parameters without prior notice, if necessary.
Please note that photovoltaic panels should be handled and installed by a qualified person with professional knowledge. Please read the safety and installation instructions carefully before using our photovoltaic modules.

MECHANICAL DATA

Type of articles	Mono-crystalline
Article layout	120 [2 X (10 X 6)]
Dimensions	1903 × 1134 × 30 mm (74.9 × 44.6 × 1.18 in)
Weight	24.2 kg (53.4 lbs)
Front side	3.2 mm tempered glass with anti-reflective coating
Frame	Anodized aluminum alloy
J-Box	IP68, 3 bypass diodes
Cabling	4mm²(IEC), 12 AWG (UL)
Connector	T6 or MC4 or MC4-EVO2 or MC4-EVO2A
Lead wire length (including connector)	Height: 410 mm (16.1 in) (+) / 290 mm (11.4 in) (-); Width: 1100 mm (43.3 in)*
Panels on a pallet	35 pcs
In container(40' HQ)	840 pcs

PARTNERSK SECTION



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