

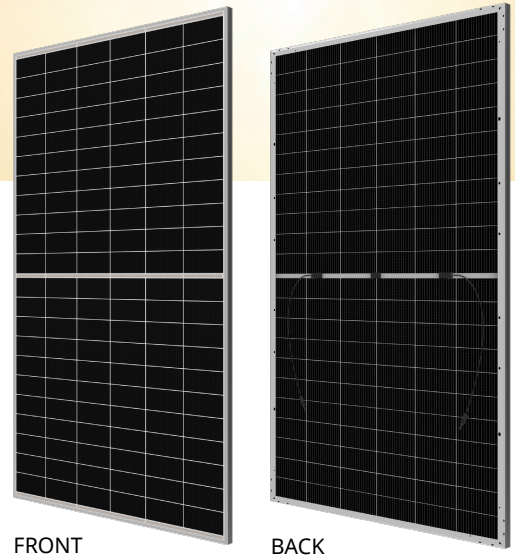


HiHero






Bifacial N-type Heterojunction Technology

620 W ~ 645 W




CS6.2-66HB-620 | 625 | 630 | 635 | 640 | 645H



MORE POWER

-  Module power up to 645 W
Module efficiency up to 23.9 %
-  Up to 90% Power Bifaciality,
more power from the back side
-  No B-O LID, excellent anti-LeTID & anti-PID
performance. Low power degradation,
high energy yield
-  Leading temperature coefficient (Pmax): $-0.24\%/^{\circ}\text{C}$,
increases energy yield in hot climate
-  Better shading tolerance

MORE RELIABLE

-  Tested up to ice ball of 35 mm diameter
according to IEC 61215 standard
-  Minimizes micro-crack impacts
-  Heavy snow load up to 5400 Pa,
wind load up to 4000 Pa*

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

 **15 Years** Industry Leading Product Warranty on
Materials and Workmanship*

 **30 Years** Linear Power Performance Warranty*

1st year power degradation no more than 1%
Subsequent annual power degradation no more than 0.35%

*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

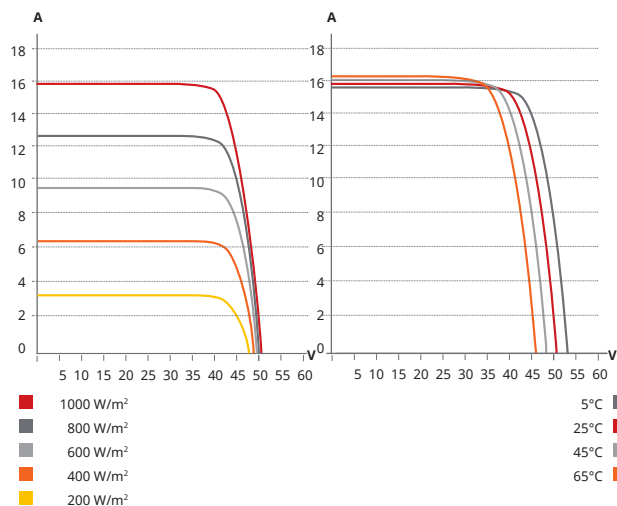
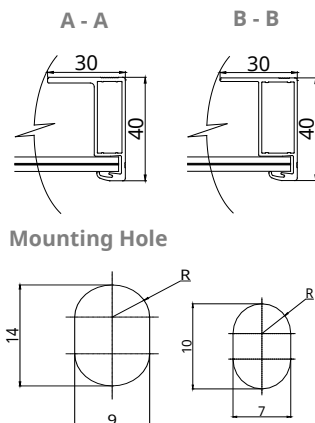
PRODUCT CERTIFICATES*

* 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
photovoltaic modules, solar energy and battery storage solu-
tions 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 150 GW of premium-quality
solar modules across the world.

CS6.2-66HB-635H / I-V CURVES

Frame Cross Section



ELECTRICAL DATA | NMOT*

	Nominal Max. Power (Pmax)	Opt. Operating Voltage (Vmp)	Opt. Operating Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (Isc)
CS6.2-66HB-620H	473 W	40.6 V	11.65 A	47.6 V	12.62 A
CS6.2-66HB-625H	477 W	40.6 V	11.74 A	47.6 V	12.70 A
CS6.2-66HB-630H	481 W	40.6 V	11.83 A	47.7 V	12.76 A
CS6.2-66HB-635H	484 W	40.7 V	11.90 A	47.8 V	12.84 A
CS6.2-66HB-640H	488 W	40.7 V	11.99 A	47.9 V	12.91 A
CS6.2-66HB-645H	492 W	40.8 V	12.06 A	47.9 V	13.01 A

**** 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.

Specification	Data
Cell Type	HJT cells
Cell Arrangement	132 [2 x (11 x 6)]
Dimensions	2382 x 1134 x 40 mm (93.8 x 44.6 x 1.57 in)
Weight	33.4 kg (73.6 lbs)
Front Glass	2.0 mm heat strengthened glass with anti-reflective coating
Back Glass	2.0 mm heat strengthened glass
Frame	Anodized aluminium alloy
J-Box	IP68, 3 bypass diodes
Cable	4.0 mm ² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	300 mm (11.8 in) (+) / 200 mm (7.9 in) (-) or customized length*
Connector	T6 or MC4-EVO2 or MC4-EVO2A
Per Pallet	27 pieces
Per Container (40' HQ)	540 pieces or 486 pieces (only for US & Canada)

ELECTRICAL DATA

Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500 V (IEC/UL)
Module Fire Performance	TYPE 29 (UL 61730) or CLASS C (IEC61730)
Max. Series Fuse Rating	35 A
Protection Class	Class II
Power Tolerance	0 ~ + 10 W
Power Bifaciality*	85 %

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.24 % / °C
Temperature Coefficient (Voc)	-0.23 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperature	41 ± 3°C

PARTNER SECTION