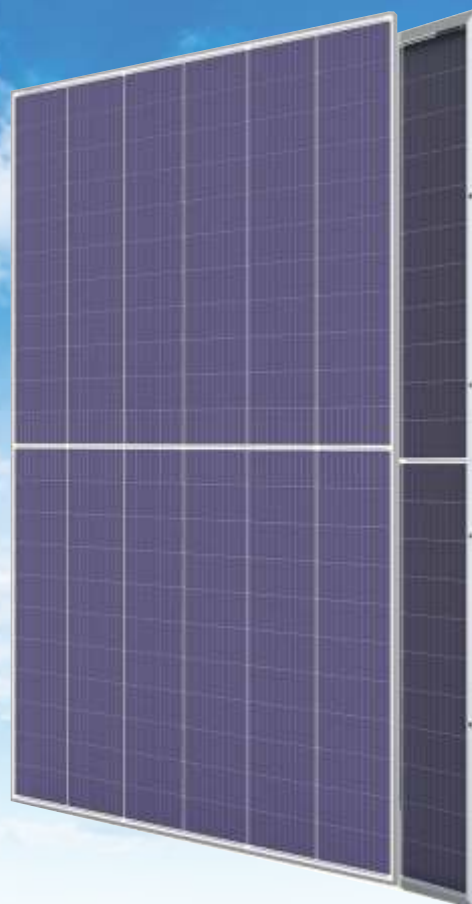




Quasar-Bi

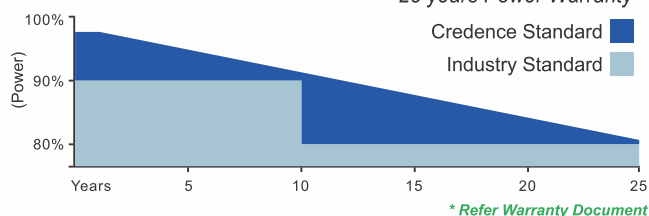
Half Cut Mono PERC Glass to Glass
Bi-Facial Module

670+ W

Efficiency up to
>21.60%

Linear Performance Warranty

10 years Product Warranty
25 years Power Warranty



Organization Certificates:



Product Certificates:



IS 14286 | IS/IEC 61730-1/2 | IEC 61215
IEC 61730-1/2 | IEC 62804 | IEC 61701



Half Cut Cell Design with
Multi Bus Bar Technology



Round Ribbon Technology



Higher Efficiency



Lower LCOE & BOS



PID Tested



1500V DC System Voltage



3 Stage EL Inspected

ELECTRICAL PARAMETERS (STC*):

Model	Voc (V)	Vmp (V)	Imp (A)	Isc (A)	Pmax (W)	Eff (%)
CS-QB670-132	45.40	38.25	17.55	18.65	670	21.60
CS-QB665-132	45.35	38.20	17.45	18.55	665	21.50
CS-QB660-132	45.30	38.15	17.35	18.40	660	21.30
CS-QB655-132	45.25	38.10	17.20	18.30	655	21.10
CS-QB650-132	45.20	38.05	17.10	18.15	650	21.00

*STC (Standard Test Conditions): Irradiance 1000W/m², Temperature 25°C, Spectrum at AM 1.5G.

ELECTRICAL PARAMETERS (NMOT*):

Model	Voc (V)	Vmp (V)	Imp (A)	Isc (A)	Pmax (W)	Eff (%)
CS-QB670-132	41.29	34.49	14.10	14.98	486	19.60
CS-QB665-132	41.24	34.44	14.02	14.90	483	19.50
CS-QB660-132	41.20	34.40	13.94	14.78	480	19.30
CS-QB655-132	41.15	34.35	13.82	14.70	475	19.10
CS-QB650-132	41.11	34.31	13.73	14.58	471	19.00

*NMOT (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient temperature 20°C, Spectrum at AM 1.5G, Wind speed at 1m/s. (NOCT is similar to NMOT)

STC with 10% gain from Rear side:

Model	Voc (V)	Vmp (V)	Imp (A)	Isc (A)	Pmax (W)	Eff (%)
CS-QB670-132	45.40	38.25	19.31	20.52	737	23.75
CS-QB665-132	45.35	38.20	19.20	20.41	732	23.60
CS-QB660-132	45.30	38.15	19.09	20.24	726	23.40
CS-QB655-132	45.25	38.10	18.92	20.13	721	23.25
CS-QB650-132	45.20	38.05	18.81	19.97	715	23.10

Design Specifications:

Cell Type	210mm- 12BB Mono PERC Crystalline- Bi-Facial
Cell Configuration	132 (11 x 6 x 2) Half Cut Cells
Operating Temperature	-40°C to +85°C
Max. System Voltage	1500V DC
Max.Series Fuse Rating	30A
Application Class	A
Safety Class	C
Junction Box Type	Split JB IP68
Output Cable Length	300mm (1000mm/1200mm upon request)

Dimensional & Packing Details:

Dimensions	2384 x 1303 x 35mm (Glass to Glass with Frame)
Weight	39.75 kg
Modules/ Pallet	30 Nos
19Ft Truck	240 Nos
40 Ft HQ Container	540 Nos

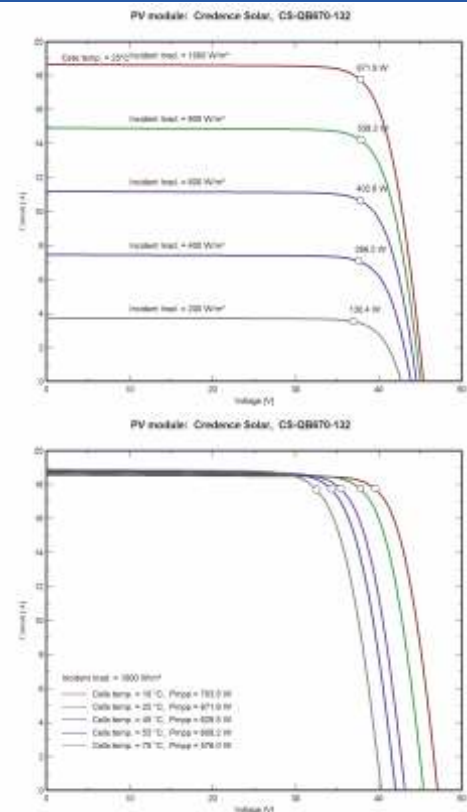
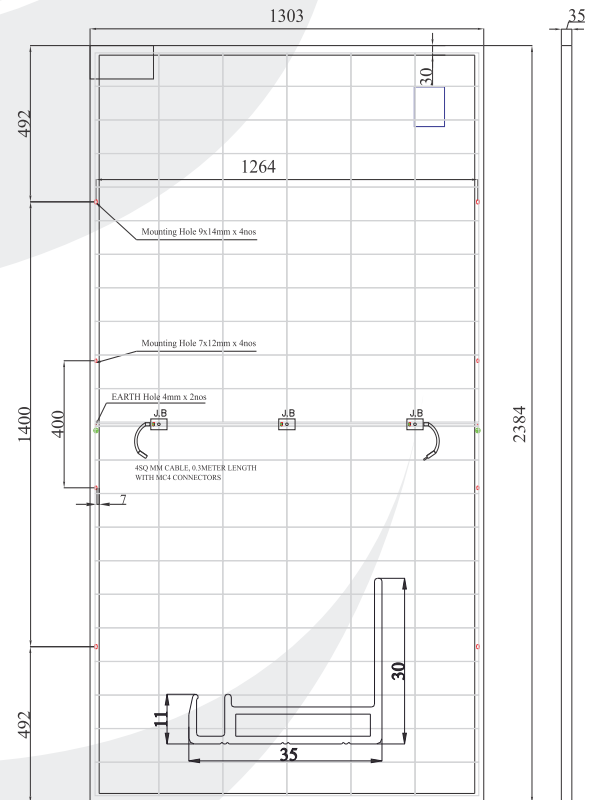
Temperature Coefficients:

Power (Pmax)	-0.222%/°C
Voltage (Voc)	-0.211%/°C
Current (Isc)	+0.039%/°C
NMOT/ NOCT	44±2 °C

Other Quasar-Bi Products:

- CS-QBxxx-120 - 585Wp - 605Wp
- CS-QBxxx-110 - 535Wp - 555Wp

Data sheets are available upon request.

Reference IV Curve Detail:**Rear View & Mounting Detail:**

All Dimensions are in mm; Tolerance: ±2mm

The technical data and specifications are mentioned in the data sheet may changed without prior notice due to continuous improvements and innovations in the product. Please contact marketing for the latest updates and data sheet before finalizing the Order. Please be advised that Solar PV modules should be handled and installed by qualified personnel and please Refer Installation, Operation & Maintenance Manual before handling and start installation for safety & installation.