

## Quasar-Bi

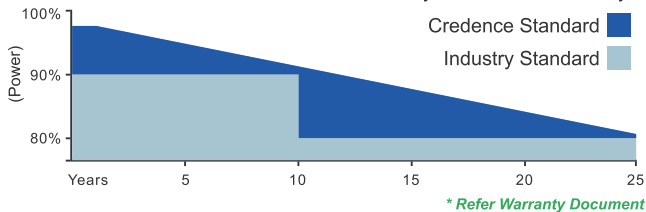
Half Cut Mono PERC Glass to Glass  
Bi-Facial Module

# 555+ W

Efficiency up to  
**>21.25%**

### Linear Performance Warranty

10 years Product Warranty  
25 years Power Warranty



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

### Organization Certificates:



### Product Certificates:



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

**ELECTRICAL PARAMETERS (STC\*):**

Model	Voc (V)	Vmp (V)	Imp (A)	Isc (A)	Pmax (W)	Eff (%)
CS-QB555-110	37.85	31.90	17.45	18.55	555	21.25
CS-QB550-110	37.80	31.80	17.35	18.40	550	21.05
CS-QB545-110	37.75	31.70	17.20	18.30	545	20.90
CS-QB540-110	37.65	31.60	17.10	18.15	540	20.70
CS-QB535-110	37.62	31.50	17.00	18.10	535	20.50

\*STC (Standard Test Conditions): Irradiance 1000W/m<sup>2</sup>, Temperature 25°C, Spectrum at AM 1.5G.

**ELECTRICAL PARAMETERS (NMOT\*):**

Model	Voc (V)	Vmp (V)	Imp (A)	Isc (A)	Pmax (W)	Eff (%)
CS-QB555-110	34.42	28.76	14.02	14.90	403	19.30
CS-QB550-110	34.38	28.67	13.94	14.78	400	19.15
CS-QB545-110	34.33	28.58	13.82	14.70	395	18.90
CS-QB540-110	34.24	28.49	13.73	14.58	391	18.75
CS-QB535-110	34.21	28.40	13.65	14.54	388	18.55

\*NMOT (Nominal Module Operating Temperature): Irradiance 800W/m<sup>2</sup>, 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-QB555-110	37.85	31.90	19.20	20.41	610	23.40
CS-QB550-110	37.80	31.80	19.09	20.24	605	23.15
CS-QB545-110	37.75	31.70	18.92	20.13	600	22.95
CS-QB540-110	37.65	31.60	18.81	19.97	594	22.75
CS-QB535-110	37.62	31.50	18.70	19.91	589	22.55

**Design Specifications:**

Cell Type	210mm- 12BB Mono PERC Crystalline- Bi-Facial
Cell Configuration	110 (11 x 5 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 1096 x 35mm(Glass to Glass with Frame)
Weight	33.50 kg
Modules/ Pallet	30 Nos
19Ft Truck	300 Nos
40 Ft HQ Container	600 Nos

**Temperature Coefficients:**

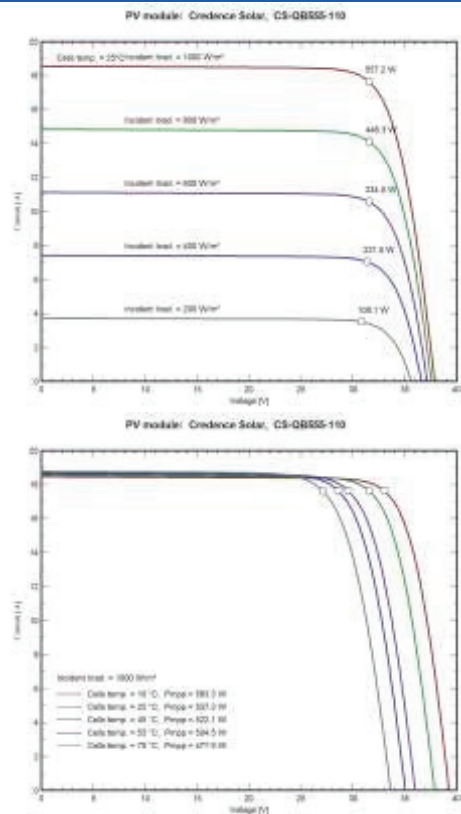
Power (Pmax)	-0.222%/°C
Voltage (Voc)	-0.211%/°C
Current (Isc)	+0.039%/°C
NMOT/ NOCT	44±2 °C

**Other Quasar-Bi Products:**

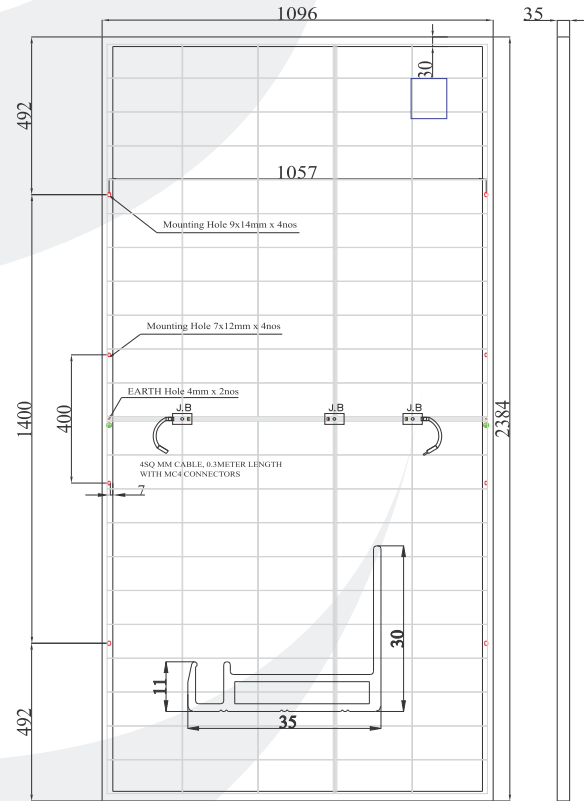
- CS-QBxxx-132 - 650Wp - 670Wp
- CS-QBxxx-120 - 585Wp - 605Wp

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 be 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.