

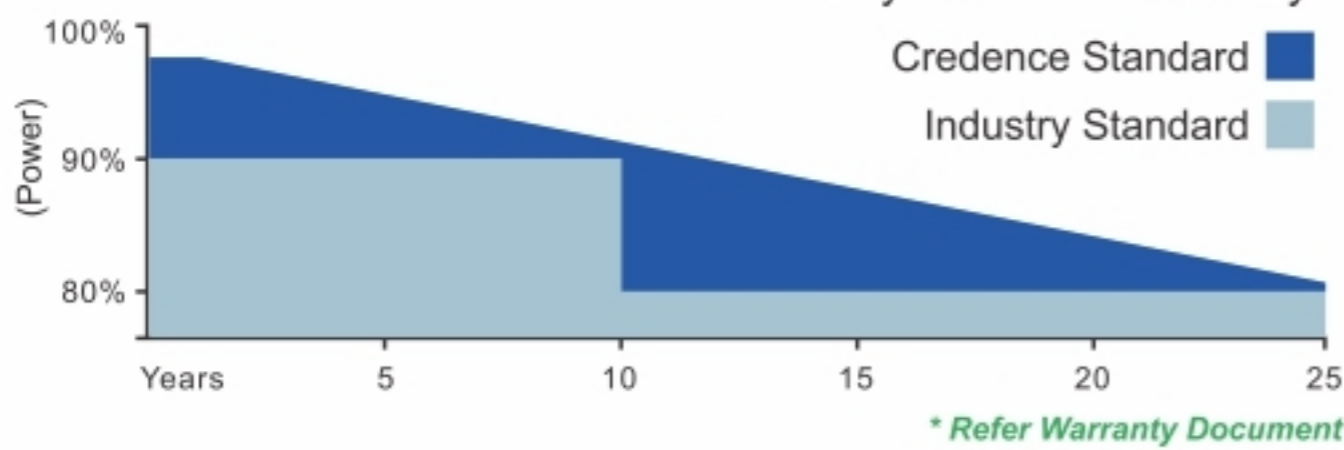
Quasar
Half Cut Mono PERC Module

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-QU670-132 | 45.40 | 38.25 | 17.55 | 18.65 | 670 | 21.60 |
| CS-QU665-132 | 45.35 | 38.20 | 17.45 | 18.55 | 665 | 21.50 |
| CS-QU660-132 | 45.30 | 38.15 | 17.35 | 18.40 | 660 | 21.30 |
| CS-QU655-132 | 45.25 | 38.10 | 17.20 | 18.30 | 655 | 21.10 |
| CS-QU650-132 | 45.20 | 38.05 | 17.10 | 18.15 | 650 | 21.00 |

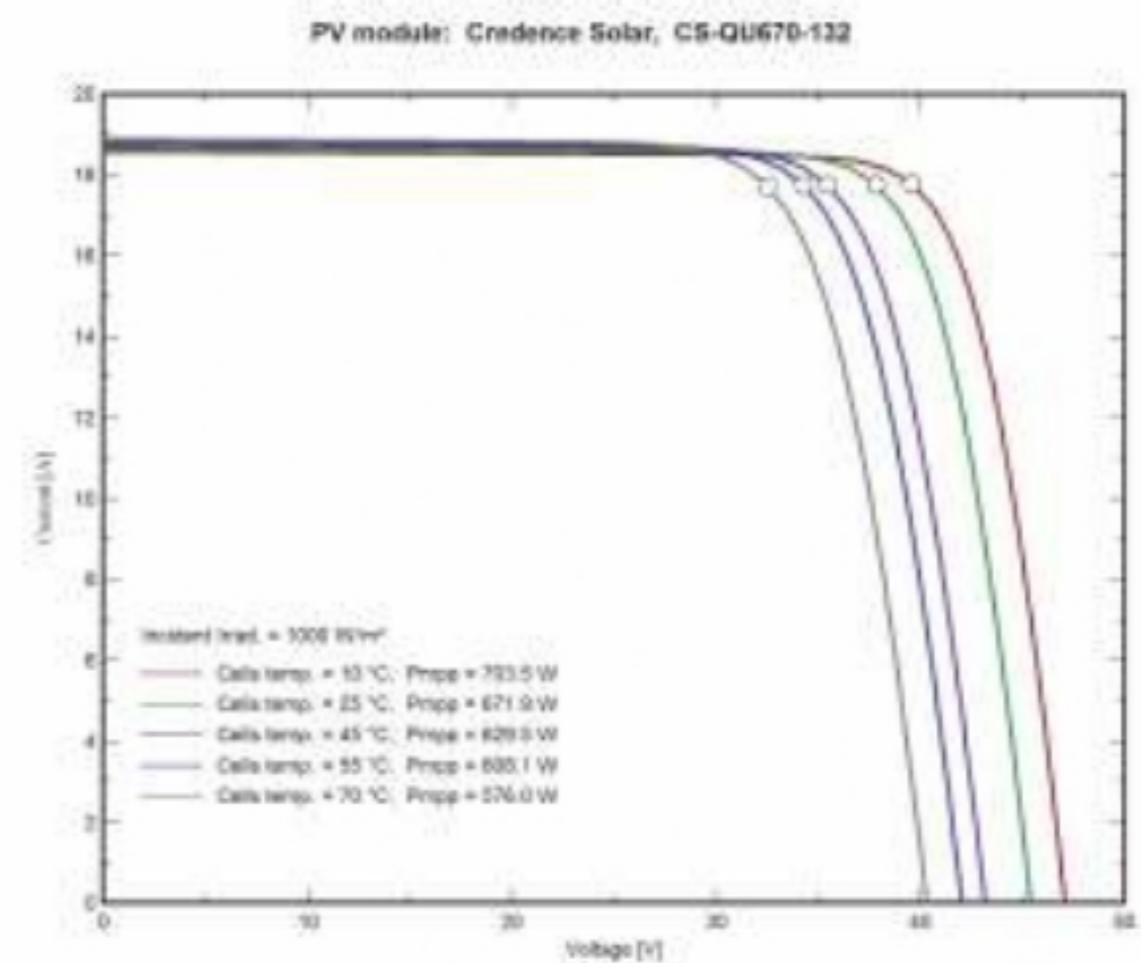
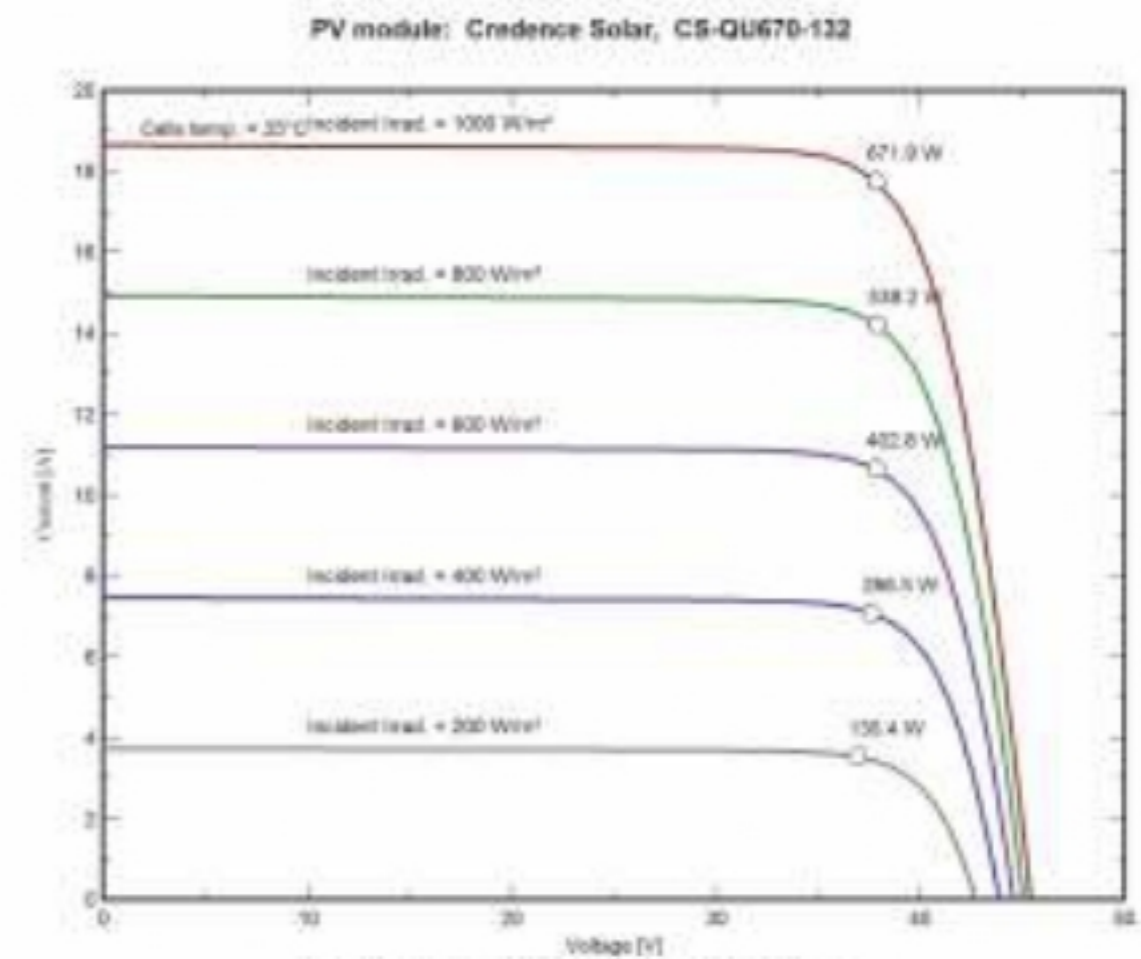
*STC (Standard Test Conditions): Irradiance 1000W/m², Temperature 25°C, Spectrum at AM 1.5G.

ELECTRICAL PARAMETERS (NMOT*):

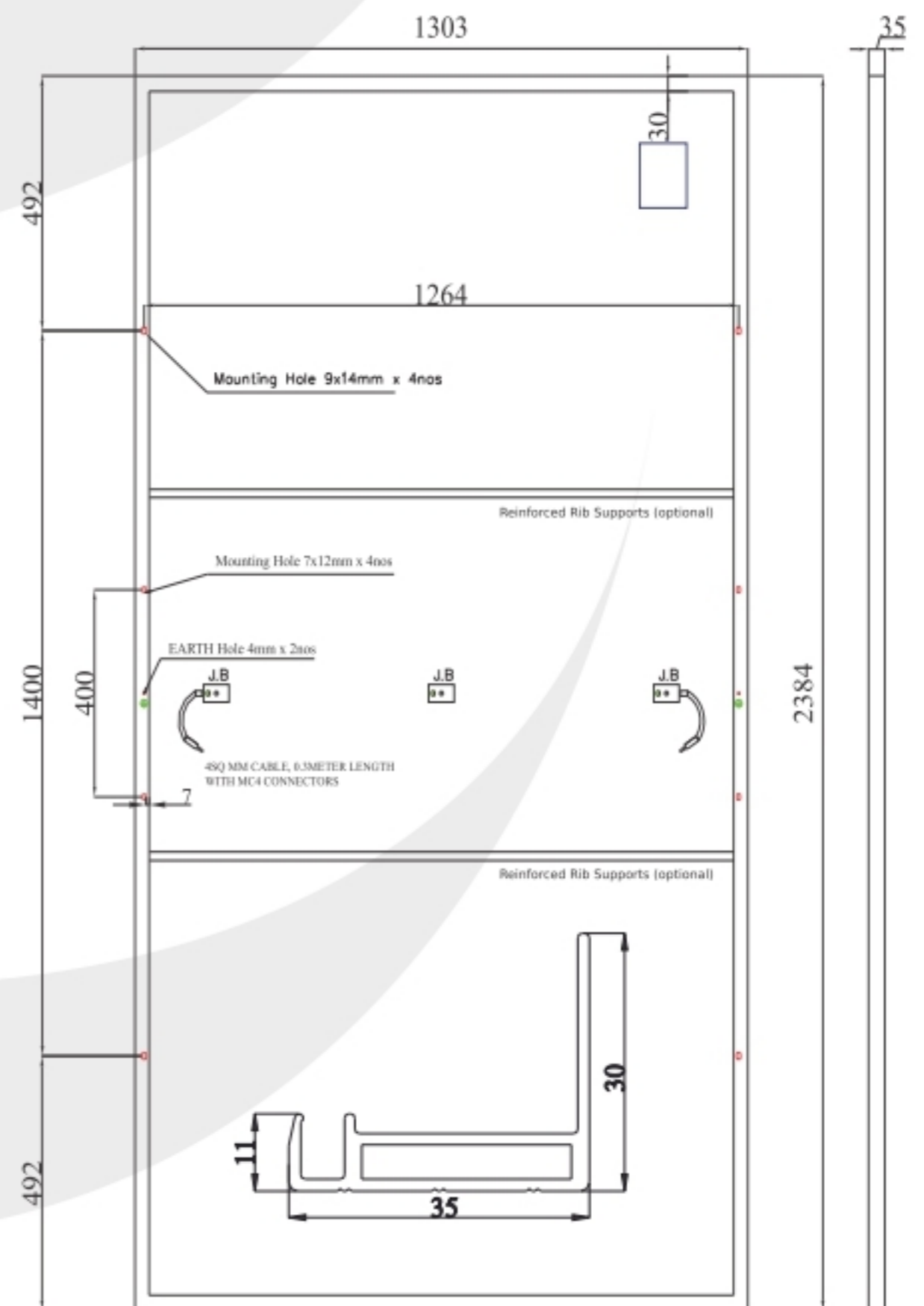
| Model | Voc (V) | Vmp (V) | Imp (A) | Isc (A) | Pmax (W) | Eff (%) |
|--------------|---------|---------|---------|---------|----------|---------|
| CS-QU670-132 | 41.29 | 34.49 | 14.10 | 14.98 | 486 | 19.60 |
| CS-QU665-132 | 41.24 | 34.44 | 14.02 | 14.90 | 483 | 19.50 |
| CS-QU660-132 | 41.20 | 34.40 | 13.94 | 14.78 | 480 | 19.30 |
| CS-QU655-132 | 41.15 | 34.35 | 13.82 | 14.70 | 475 | 19.10 |
| CS-QU650-132 | 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)

Reference IV Curve Detail:



Rear View & Mounting Detail:



All Dimensions are in mm; Tolerance: ±2mm

Design Specifications:

| | |
|------------------------|------------------------------------|
| Cell Type | 210mm- 12BB Mono PERC Crystalline |
| 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 |
| Weight | 33.80 kg |
| Modules/ Pallet | 30 Nos |
| 19Ft Truck | 240 Nos |
| 40 Ft HQ Container | 540 Nos |

Temperature Coefficients:

| | |
|---------------|------------|
| Power (Pmax) | -0.273%/°C |
| Voltage (Voc) | -0.212%/°C |
| Current (Isc) | +0.036%/°C |
| NMOT/ NOCT | 44±2 °C |

Other Quasar Products:

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

Data sheets are available upon request.

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.