



# Shanghai Chaori Solar Energy Science & Technology Development Co., Ltd

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## Wide Range of Applications.

- Grid-connected photovoltaic systems
- Between 1 and 100 kWp
- Large PV systems and special projects

## Extended Module Service Life.

- Cells embedded in EVA (ethylene vinyl acetate)
- Solar safety glass front
- Weather and waterproof foil back

## Sturdy Frame.

- Fully closed aluminum frame
- Frame screwed at end faces

## Simple Installation.

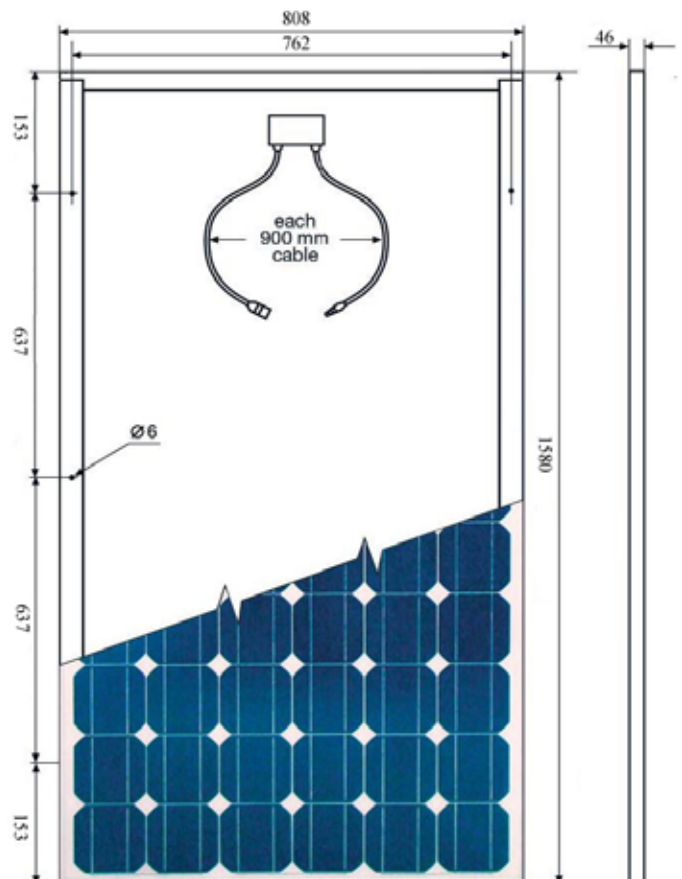
- Multi-contact plug supplied as standard

## High Quality Finish.

- Optical, mechanical and electrical module Testing during and post-production
- Automated production line ensures consistently High level of product quality

## Warranties and Certificates.

- 25 year warranty on 80% of the minimum output
- 2 year product warranty
- IEC 61215, TÜV Safety Class II, CE, ISO



## Technical Data 165W:

Max.output(P <sub>max</sub> )as per STC*	165W±3%
MPP voltage(V <sub>mpp</sub> )	35.0V
MPP current(I <sub>mpp</sub> )	4.71A
No-load voltage(V <sub>oc</sub> )	43.0V
Short-circuit current(I <sub>sc</sub> )	5.11A
Temperature coefficient(P <sub>mpp</sub> )	-0.36%/
Temperature coefficient(V <sub>oc</sub> )	-0.146V/
Temperature coefficient(I <sub>sc</sub> )	+4.6mA/
Maximum system voltage	1000V
Cells	72 monocrystalline

Cell dimensions	125×125mm
Module dimensions(L×W×H)	1580×808×46mm
Weight	15 kg

- Standard Test Conditions, which are defined as follows: radiations output of 1000w/m<sup>2</sup> (max.insolation) at a spectral density of AM 1.5 (ASTM E892), cell temperature of 25 .