



# 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.

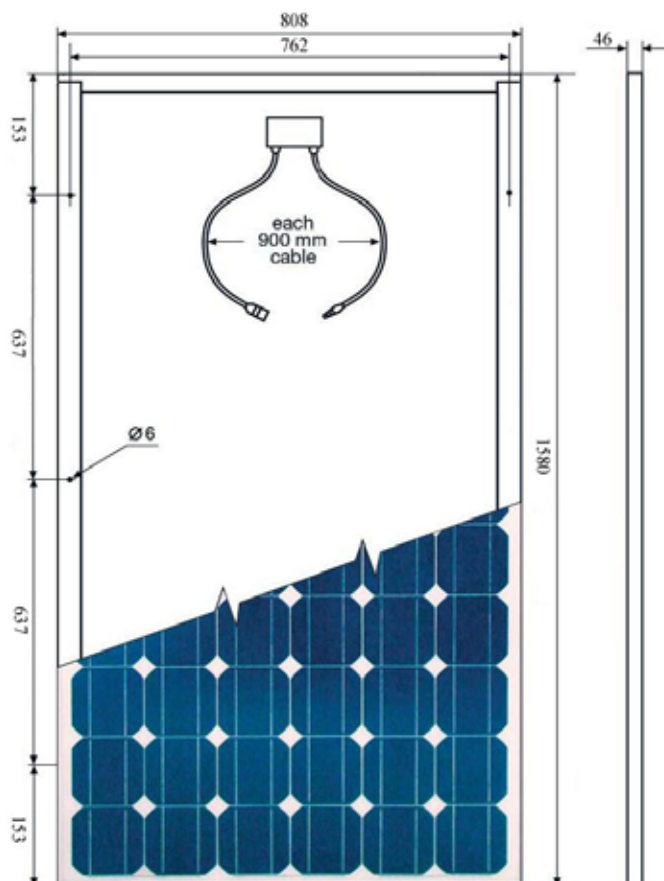
- Multi-contact plug supplied as standard

## 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 180W:

Max.output(P<sub>max</sub>)as per STC\* 180W±3%

MPP voltage(V<sub>mpp</sub>) 35.0V

MPP current(I<sub>mpp</sub>) 5.15A

No-load voltage(V<sub>oc</sub>) 43.0V

Short-circuit current(I<sub>sc</sub>) 5.58A

Temperature coefficient(P<sub>mpp</sub>) -0.39%/

Temperature coefficient(V<sub>oc</sub>) -0.146V/

Temperature coefficient(I<sub>sc</sub>) +4.7mA/

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 .