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

ADD: Yangwang Ecomonic Area, Fengxian District, Shanghai, China
Tel: +86-21-57470531 **Fax:** +86-21-57472168
http://www.super-solar.com **E-mail: benuming@126.com**

Wide Range of Applications.
Grid-connected photovoltaic systems
Between 1 and 100 kWp
Large PV systems and special projects

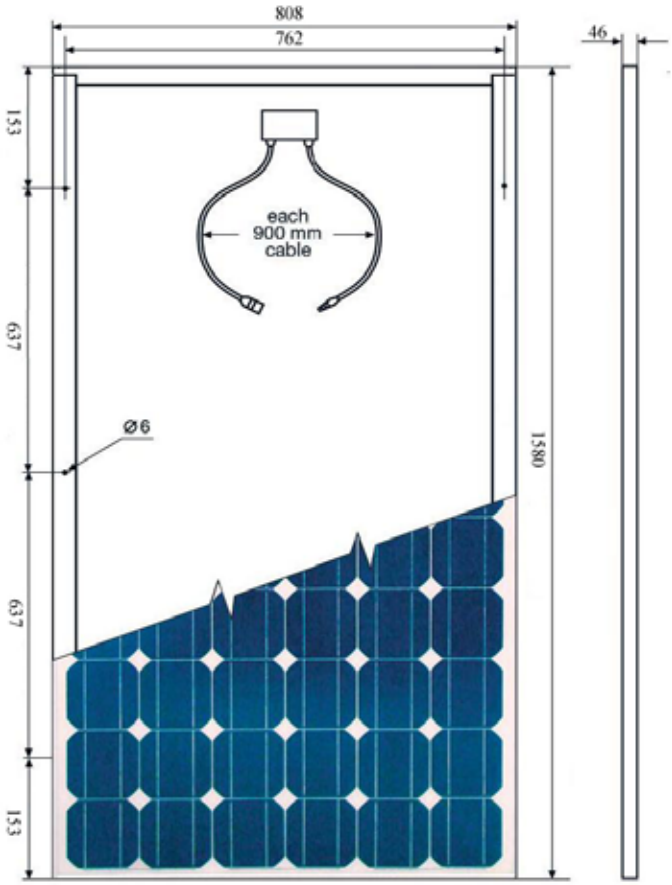
Extended Module Service Life.
Cells embedded in EVA (ethylene vinyl acetate)
Solar safety glass front
Weather and waterproof foil back

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 808% of the minimum output
5 year product warranty
IEC 61215, TÜV Safety Class II, CE, ISO



Technical data 160W:

Max.output(Pmax) STC* 160W±3%		**Cell dimensions**	**125×125mm**
MPP voltage(Vmpp)	**35.0V**	**Module dimensions(L×W×H)**	**1580×808×46mm**
MPP current(Impp)	**4.57A**	**Weight**	**15 kg**
No-load voltage(Voc)	**43.0V**		
Short-circuit current(Isc)	**4.96A**		
Temperature coefficient(Pmpp)	**-0.35%/℃**		
Temperature coefficient(Voc)	**-0.146 V/℃**		
Temperature coefficient(Isc)	**+4.5mA/℃**		
Maximum system voltage	**1000V**		
Cells	**72 Monocrystalline**		

1 Standard Test Conditiongs,which are defined as follows: radiations output of 1000w/m^2 (max.insolation) at a spectral density of AM 1.5 (ASTM E892), cell temperature of 25℃.