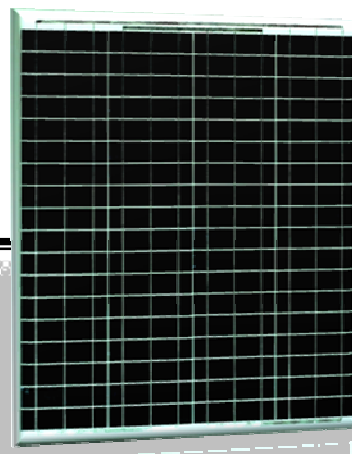
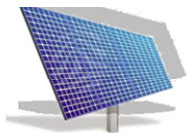


THE INNOVATIVE SOLAR ENERGY SOLUTION PROVIDER



Model No: SONNE 80PB

**LS Solar Pte. Ltd.**, we commit ourselves to R&D, manufacturing and technical innovation on PV modules and solar power systems.

Our aim is to provide high quality products with required specifications to customers at the best price.

#### CHARACTERISTICS:

- Use high quality solar cells to advanced encapsulation
- Adopt high transparent low-iron tempered glass, high quality anti-UV EVA and back sheet.
- With multiple performance testing for each module, to ensure the product quality and output performance.

Using anodization aluminum frame with anticorrosion, to ensure solar module working under extremely and badly outdoors environment

CERTIFIED BY:



#### APPLICATIONS

- Independent power supply, like telecom powering, solar house lighting etc.
- Solar power systems, like solar water heater, solar water pumping systems etc.
- Solar lighting, like solar garden lamp, solar lawn lamp, solar street lights etc.

LS Solar Pte. Ltd.  
84 Genting Lane, #07-07,  
Cityneon Design Centre,  
Singapore 349584

Tel: (65) 6744 2318 Fax: (65) 6741 2389  
Website: [www.lssolarasia.com](http://www.lssolarasia.com)  
Email : [info@lssolarasia.com](mailto:info@lssolarasia.com)

**Note! Specifications are subjected to change without notice**

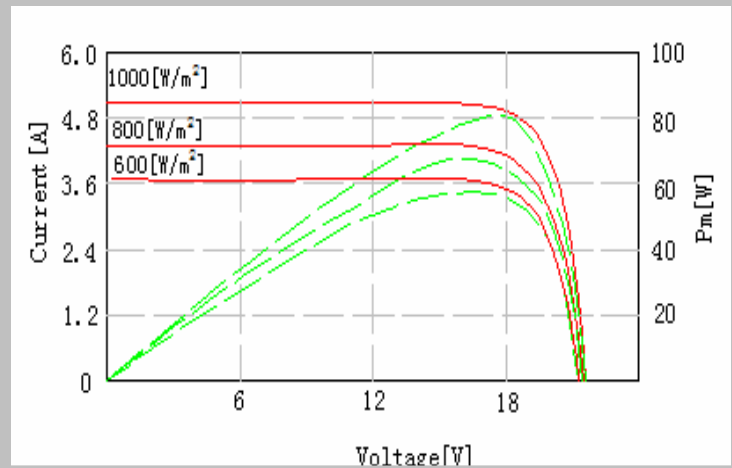
## WARRANTY

Guarantee the workmanship for 3 years  
10 years limited warranty of 90% power output  
20 years limited warranty of 80% power output

## Electrical Characteristics:

Max-power: P <sub>m</sub> (W)	80W
Max-power voltage: V <sub>m</sub> (V)	17.6V
Max-power current: I <sub>m</sub> (A)	4.54A
Open-circuit voltage: V <sub>oc</sub> (V)	21.6V
Short-circuit current: I <sub>sc</sub> (A)	4.81A
Power tolerance(%)T	±5

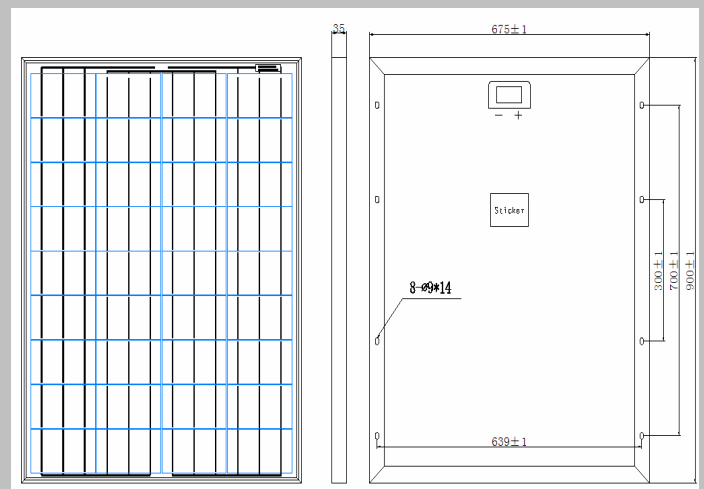
## IV-Curve:



## Dimensions:

## Mechanical Characteristics:

Type of solar cell	polycrystalline
Lay up of solar cell	36
Dimension of solar module	900*675*35mm
Gross weight of solar module	7.5kg
Cover	Tempered glass
Frame	Anodization aluminum
Qty/CTN	2PCS



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