

Model No: SONNE 50PB

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

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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.

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WARRANTY

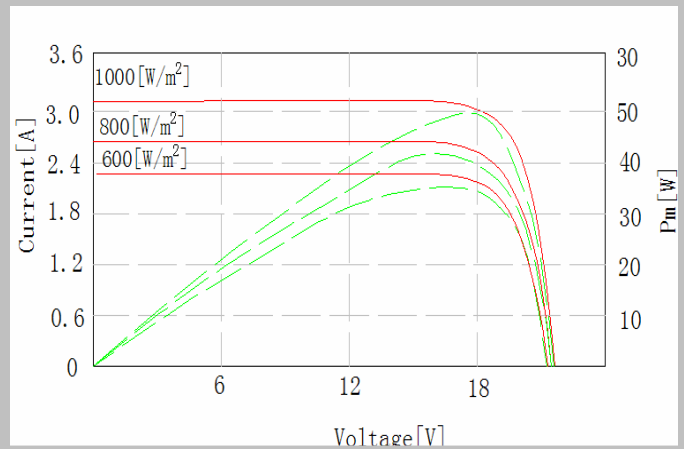
Guarantee the workmanship for 3 years
 10 years limited warranty of 90% power output
 20 years limited warranty of 80% power output

Electrical Characteristics:

Max-power: Pm(W)	50W
Max-power voltage: Vm(V)	17.6V
Max-power current: Im(A)	2.84A
Open-circuit voltage: Voc(V)	21.6V
Short-circuit current: Isc(A)	3.01A
Power tolerance(%)T	±5

*STC condition : 1000 W/m², 1.5AM and 25°C cell temperature.

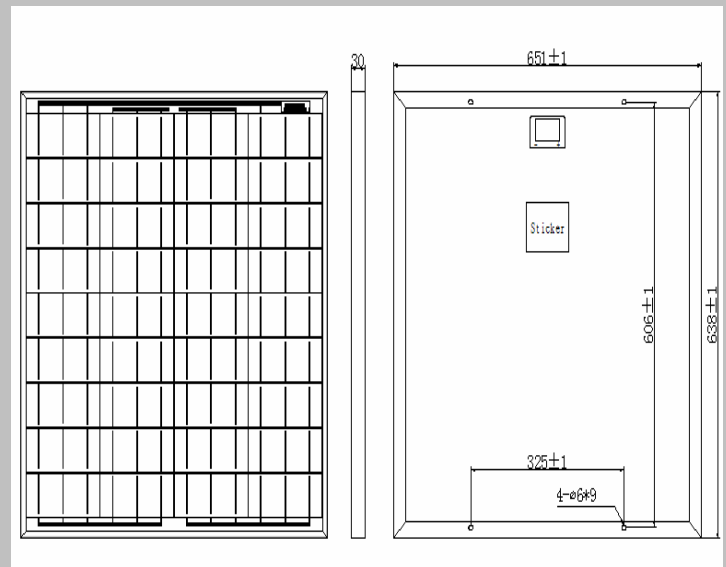
IV-Curve:



Dimensions:

Mechanical Characteristics:

Type of solar cell	polycrystalline
Lay up of solar cell	36
Dimension of solar module	651*638*30mm
Gross weight of solar module	5.1Kg
Cover	Tempered glass
Frame	Anodization aluminum
Qty/CTN	2PCS



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Note! Specifications are subjected to change without notice