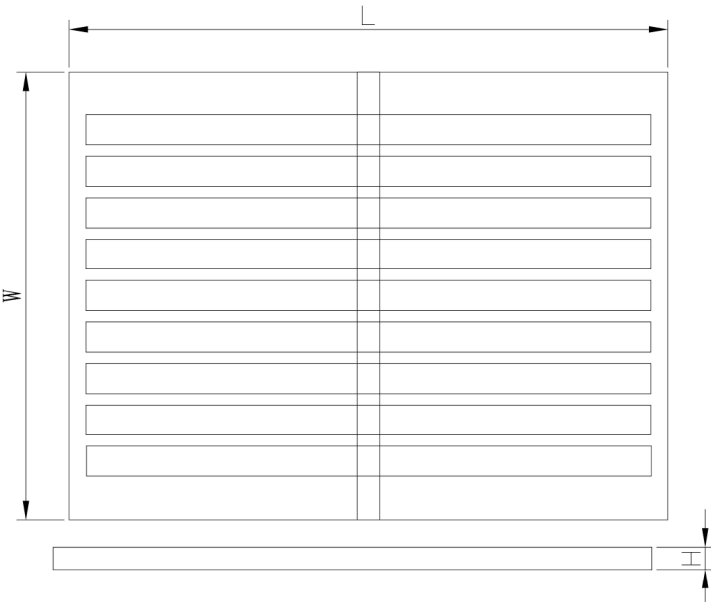


# Solar panel product Specification

size:59.5X79.5mm

performance parameter:4.5V 90MA

performance parameter (Main technical parameters)		
L	79.5 $^{+0.20}_{-0.20}$ mm	
W	59.5 $^{+0.20}_{-0.20}$ mm	
H	3.0 $^{+0.2}_{-0.2}$ mm	

## 2、Property Parameter Table

(Standard light intensity:1000W/M  
4.2万LUXlight intensity)

(When light intensity at 15000LUX,  
current greater than 30mA)

item	parameter
Voc	4.95V $\pm$ 3%
Isc	95mA $\pm$ 5%
Vm	4.5V $\pm$ 3%
Im	90mA $\pm$ 5%
Ppm	0.405W $\pm$ 5%
FF	74.5% $\pm$ 3%
EFF	15.5% $\pm$ 2%

## 3、manufacturing process

- 1 polycrystalline silicon solar cell
- 2 High strength epoxy resin surface encapsulation

## 4、quality guarantee period

Three quality assurance .

## 5、matters need attention

- (1)This product can not be contact with corrosive substances.
- (2)In use process should avoid hard objects scratch the surface
- (3)Transport and assembly cannot bear bending force

## 6、Depend on the conditions

low temperature preservation: -25℃  
Heat preservation: 80℃  
operating temperaturê:—20℃—70℃

Linemaker	Tom	2013-04-05
Customer confirm and sign		