

# CHINA SOLAR LTD

[HTTP://WWW.SOLARS-CHINA.COM](http://www.solars-china.com)

## KS-S149199S AMORPHOUS SILICON SOLAR MODULE

### ELECTRICAL CHARACTERISTICS

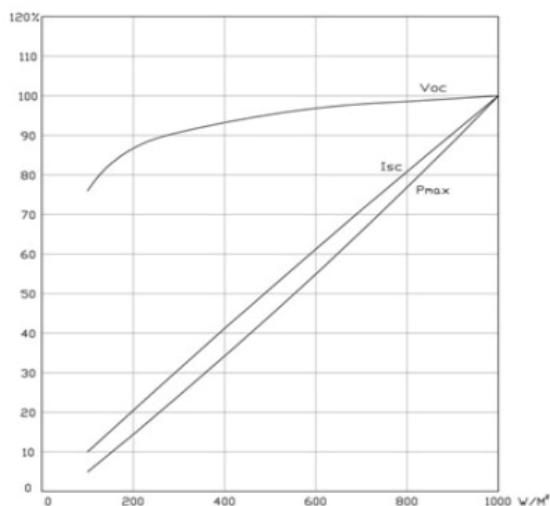
Cell Type	A-Si thin film solar module
Norminal Power	Pmax=0.84W
Open Circuit Voltage	Voc=9V
Short Circuit Current	Isc=210mA
Voltage at Pmax	Vm=6V
Current at Pmax	Im=140mA
Temp.Coefficient/Pm	-(0.19±0.03)%/°C
Temp.Coefficient/Vm	-(0.34±0.04)%/°C
Temp.Coefficient/Im	(0.08±0.02)%/°C

STANDARD TEST CONDITIONS(STC:1000W/m<sup>2</sup>,25°C,AM 1.5 SPECTRUM TOLERANCE: ±10%)

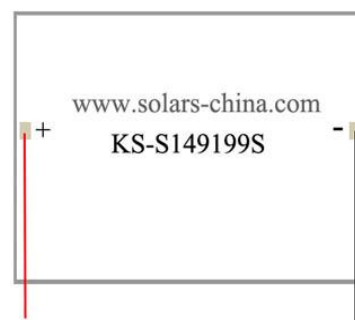
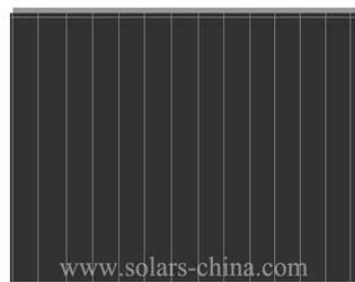
### RELIABILITY STATISTICS

Operating Temperature Range	-40°C to +90°C
Humidity & Temperature Test	85°C & 85% humidity 1000h
Outstanding performance under low light irradiance	

### PERFORMANCE & IRRADIANCE CURVE



### DIMENSIONS



**H W T**

149mm/5.87" 199mm/7.83" 3.2mm/0.12"

### MICHAICAL SPECIFICATIONS

Dimensions(H*W*T) as above	149*199*3.2mm
Weight	321kg
Front Cover	TCO Glass
Back Cover	PET
Frame	No
Output Lead Wire	Use 28AWG Stranded wire.120mm long

### APPEARANCE SPECIFICATIONS

Delaminations or bubbles do not form a continuous path between any part of the electrical circuit and the edge of module  
No any cracks, scratch or perforation in the glass or the backsheet

The technical files provided by CHINA SOLAR LTD

Design and specifications are subject to change without notice

Office Address:  
N0.601,ZhongKang Pioneer Park,ZhongKang Road,  
Futian District, ShenZhen City,Guangdong Province,China  
Factory Address:  
Longxi Hi-tech Industrial Park, Longcheng Road, Longgang  
Town, ShenZhen City,Guangdong Province,China



Tel: +86.755.8351 5659  
Fax: +86.755.8271 6024  
Website: <http://www.solars-china.com>  
Email: [market@solars-china.com](mailto:market@solars-china.com)  
MSN: [market@solars-china.com](mailto:market@solars-china.com)  
Skype: KAXIDY

CHINA SOLAR LTD

CHINA SOLAR LTD

CHINA SOLAR LTD