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## KS-S70152S AMORPHOUS SILICON SOLAR MODULE

### ELECTRICAL CHARACTERISTICS

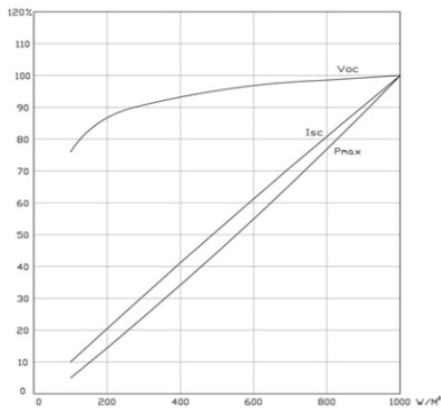
Cell Type	A-Si thin film solar module
Norminal Power	Pmax=0.35W
Open Circuit Voltage	Voc=4.8V
Short Circuit Current	Isc=162mA
Voltage at Pmax	Vm=3.5V
Current at Pmax	Im=101mA
Temp.Coefficient/Pm	-(0.19±0.03)%/°C
Temp.Coefficient/Vm	-(0.34±0.04)%/°C
Temp.Coefficient/Im	(0.08±0.02)%/°C

STANDARD TEST CONDITIONS(STC:Irradiance 1000W/m<sup>2</sup>, Module temperature 25 degrees centigrade,AM 1.5 )  
Power Tolerance: ±5%

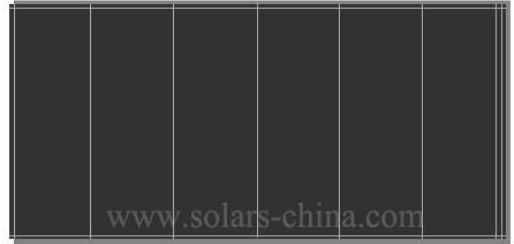
### RELIABILITY STATISTICS

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



ITEM NO: KS-S70152S

**H W T**

70mm/2.76" 152mm/5.98" 3.2mm/0.12"

### MECHANICAL SPECIFICATIONS

Dimensions(H*W*T) as above	70*152*3.2mm
Weight	86g
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

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