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## 20W AMORPHOUS SILICON SOLAR MODULE

### ELECTRICAL CHARACTERISTICS

Cell Type	A-Si thin film solar module
Normal Power	Pmax=20W
Open Circuit Voltage	Voc=26.7
Short Circuit Current	Isc=1500mA
Voltage at Pmax	Vm=18V
Current at Pmax	Im=1100mA
Temp.Coefficient/Pm	-(0.19±0.03)%/°C
Temp.Coefficient/Vm	-(0.34±0.04)%/°C
Temp.Coefficient/Im	(0.08±0.02)%/°C

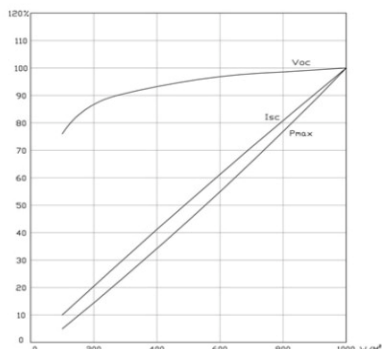
STANDARD TEST CONDITIONS(STC:Irradiance 1000W/m<sup>2</sup>, Module temperature 25 degrees centigrade,AM 1.5 )  
Power Tolerance: ±5%

### RELIABILITY STATISTICS

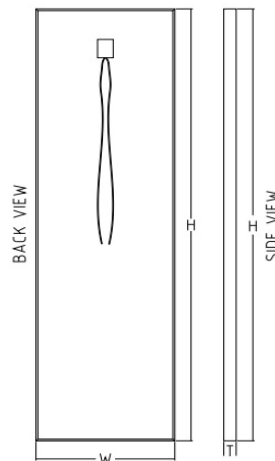
Operating Temperature Range	-40°C to +90°C
Humidity & Temperature Test	85°C & 85% humidity 1000h
Junction Box	IP65 rated

Outstanding performance under low light irradiance

### PERFORMANCE & IRRADIANCE CURVE



### DIMENSIONS



Item No: **KS-A20W**

H	W	T
1275mm/50.19"	385mm/15.26"	26mm/1.02"

### MECHANICAL SPECIFICATIONS

Dimensions(H*W*T) as above	1275*385*26mm
Weight	3.5kg
Front Cover	TCO Glass
Back Cover	PET
Frame	Sliver anodized aluminum
Output Lead Wire	Waterproof wire

### 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

### PROPERTY FOR SYSTEM DESIGN

Series Fuse Rating	2A
Maximum System Voltage	600V
Module Life	90% output for 10 years, 80% for 20 years
Recommended applications for Off-grid systems	

### THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

Design and specifications are subject to change without notice

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