

## 5W AMORPHOUS SILICON SOLAR MODULE

### ELECTRICAL CHARACTERISTICS

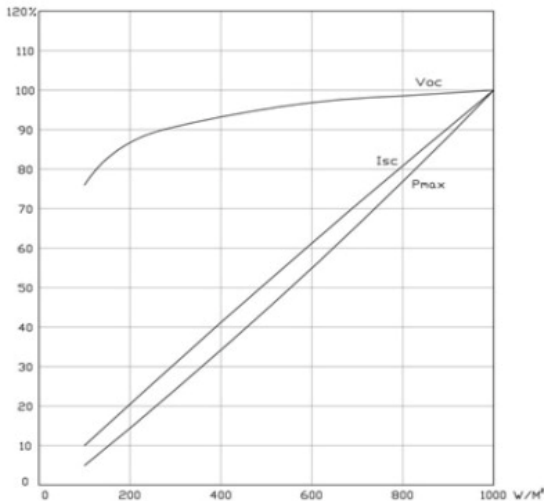
Cell Type	A-Si thin film solar module
Norminal Power	Pmax=5W
Open Circuit Voltage	Voc=26.7
Short Circuit Current	Isc=401mA
Voltage at Pmax	Vm=18V
Current at Pmax	Im=278mA
Temp.Coefficient/Pm	-(0.19±0.03)%/°C
Temp.Coefficient/Vm	-(0.34±0.04)%/°C
Temp.Coefficient/Im	(0.08±0.02)%/°C

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

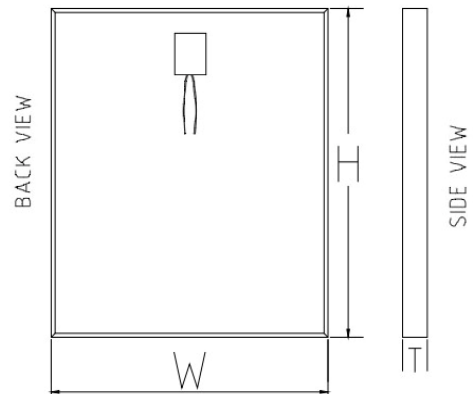
### RELIABILITY STATISTICS

Operating Temperature Range	-40°C to +90°C
Humidity & Temperature Test	85°C & 85% humidity 1000h
Junction Box	IP65 rated
Outstanding performance under low light irradiance	

### PERFORMANCE & IRRADIANCE CURVE



### DIMENSIONS



Item No: **KS-A5W**

H	W	T
385mm/15.16"	322mm/12.68"	18mm/0.71"

### MICHANICAL SPECIFICATIONS

Dmensions(H*W*T) as above	385*322*18mm
Weight	1.5kg
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	1A
Maximum System Voltage	600V
Module Life	90% output for 10 years, 80% for 20 years
Recommended applications for Off-grid systems	

Design and specifications are subject to change without notice

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