

10W AMORPHOUS SILICON SOLAR MODULE

ELECTRICAL CHARACTERISTICS

Cell Type	A-Si thin film solar module
Norminal Power	Pmax=10W
Open Circuit Voltage	Voc=26.7
Short Circuit Current	Isc=805mA
Voltage at Pmax	Vm=18V
Current at Pmax	Im=556mA
Temp.Coefficient/Pm	-(0.19±0.03)%/°C
Temp.Coefficient/Vm	-(0.34±0.04)%/°C
Temp.Coefficient/Im	(0.08±0.02)%/°C

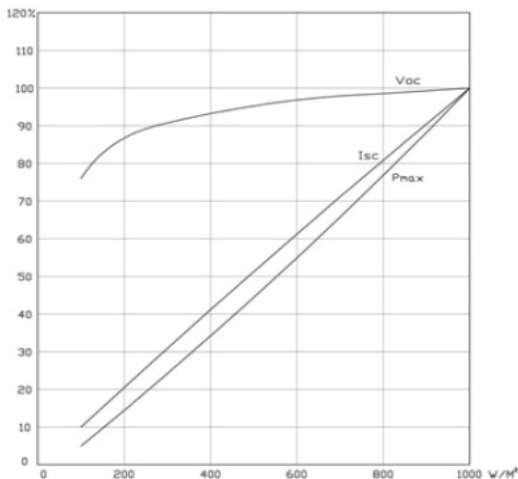
STANDARD TEST CONDITIONS(STC:1000W/m²,25°C,AM 1.5 SPECTRUM TOLERANCE: ±10%)

RELIABILITY STATISTICS

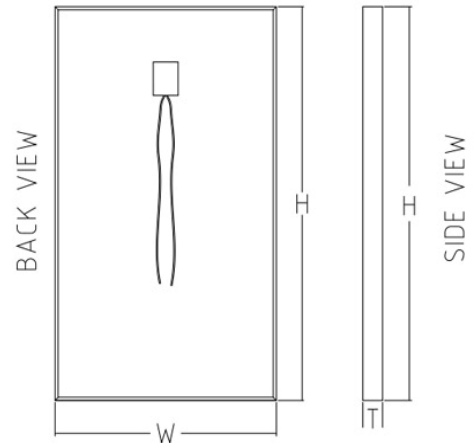
Operating Temperature Range	-40°C to +90°C
Humidity & Temperature Test	85°C & 85% humidity 1000h
Junction Box	IP65 rated

Outstanding performance under low light irradiance

PERFORMANCE & IRRADIANCE CURVE



DIMENSIONS



Item No: KS-A12W

H	W	T
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640mm/25.2"	385mm/15.16"	26mm/1.02"
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MICHANICAL SPECIFICATIONS

Dmensions(H*W*T) as above	640*385*26mm
Weight	2.6kg
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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