

Datasheet for A-Si thin film solar module

**TRM08A**

## ELECTRICAL CHARACTERISTICS

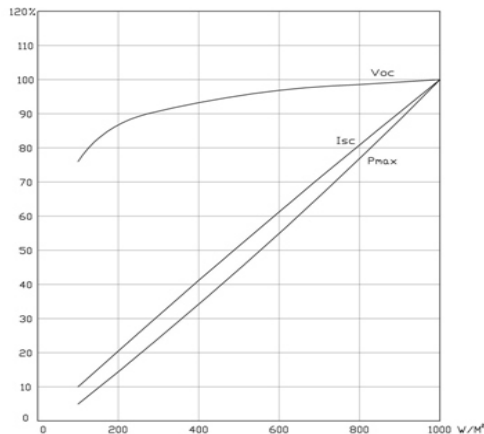
Cell Type	A-Si thin film solar module
Norminal Power	Pmax = 8W
Open Circuit Voltage	Voc = 26.7V
Short Circuit Current	Isc = 0.7A
Voltage at Pmax	Vm = 18V
Current at Pmax	Im = 460mA
Temp. Coefficient/ Pm	-(0.19±0.03)%/°C
Temp. Coefficient/ Voc	-(0.34±0.04)%/°C
Temp. Coefficient/ Isc	(0.08±0.02)%/°C

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

## RELIABILITY STATISTICS

Operating Temperature Range	-40°C ~ +90°C
Humidity & Temperature Test	85°C & 85% humidity 1000h
Junction Box	IP65 rated
Outstanding performance under low light irradiance	
Manufactured in ISO 9001 certified factory	

## PERFORMANCE & IRRADIANCE CURVE



## QUALIFICATION AND CERTIFICATES

CE, IEC(pending), UL(pending)



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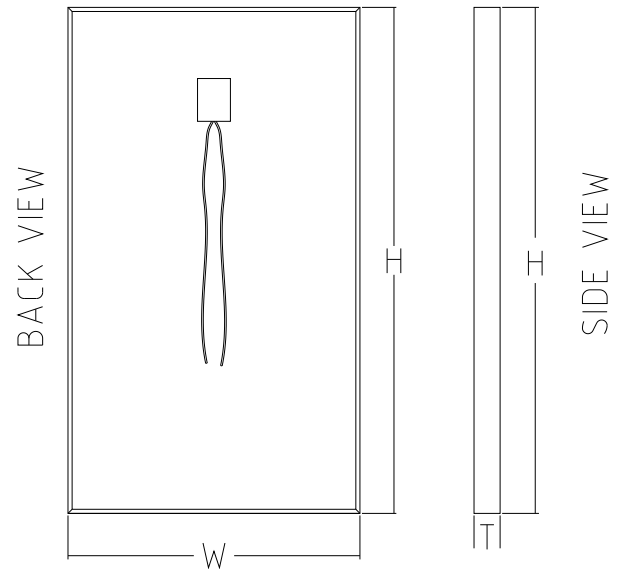
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## DIMENSIONS



H	W	T
615mm/24.2"	355mm/14.0"	16.7mm/0.7"

## MICHAICAL SPECIFICATIONS

Dimensions (H*W*T) as above	615*355*16.7mm
Weight	2.2Kg
Front Cover	TCO glass
Back Cover	PET
Frame	Silver 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
Recommended applications for Off-grid systems	

Design and specifications are subject to change without notice.

