

**For a Free Quote:**

Web: **EnergyPal.com/solar**

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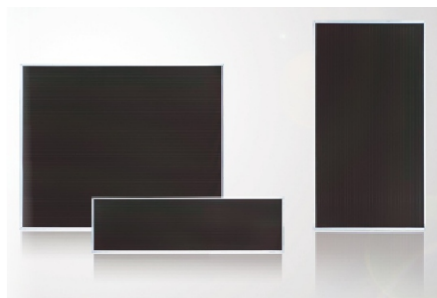
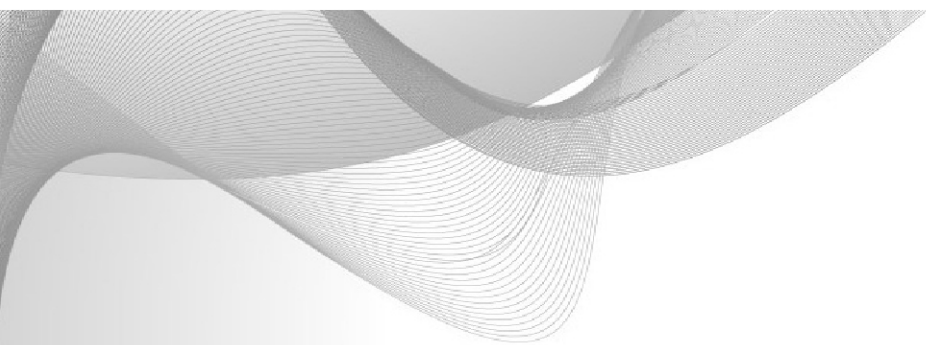
**Solar Panel Guide  
Specification Data Sheet**

**Trony Solar Holdings Company Limited**

**TRM08A**

**TRM08A**

Also available on the web at  
[EnergyPal.com/trony-solar-holdings-company-limited-solar-panels/trm08a](http://EnergyPal.com/trony-solar-holdings-company-limited-solar-panels/trm08a)



Datasheet for A-Si thin film solar module

**TRM08A**

## ELECTRICAL CHARACTERISTICS

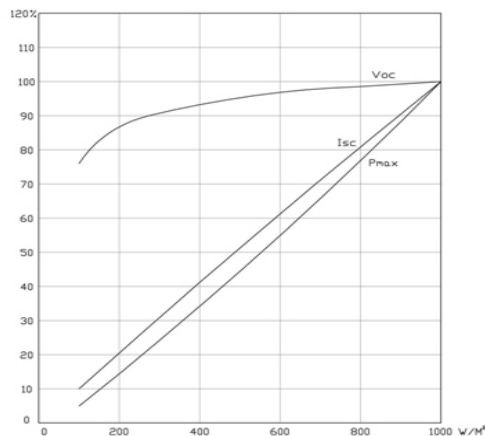
Cell Type	A-Si thin film solar module
Norminal Power	Pmax=8W
Open Circuit Voltage	Voc=26.7V
Short Circuit Current	Isc=0.7A
Voltage at Pmax	Vm=18V
Current at Pmax	Im=460mA
Temp. Coefficient/ Pm	-(0.19±0.03)%/°C
Temp. Coefficient/ Voc	-(0.34±0.04)%/°C
Temp. Coefficient/ Isc	(0.08±0.02)%/°C

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 &amp; IRRADIANCE CURVE



## QUALIFICATION AND CERTIFICATES

CE, IEC(pending), UL(pending)



Trony Solar Holdings Company Limited

Address: 21F, East, Great China International Exchange Square, No.1 Fuhua Rd, Futian District, Shen Zhen, P.R.China

TEL: +86-755-33987669

Trony Solar Industrial Park

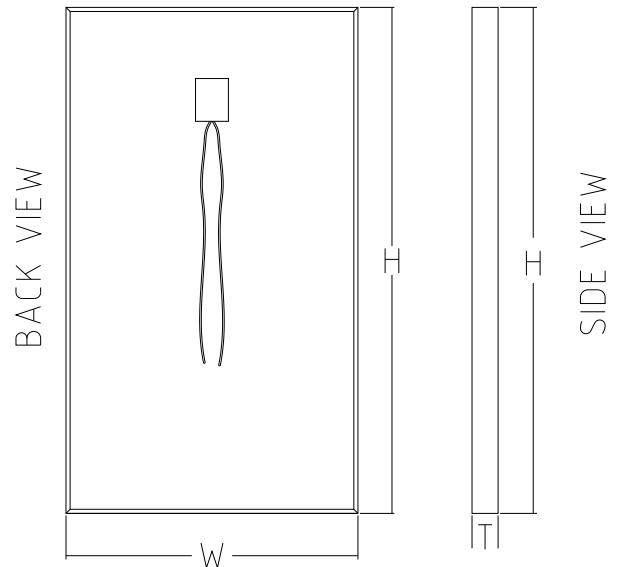
Address: No.7 Road south, Baolong Industrial zone, Longgang District, Shenzhen 518116 P.R China

TEL: +86-755-89687669

www.trony.com

Email: sales@trony.com

## DIMENSIONS



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

## MECHANICAL 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.



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