

# TSUN Rapid Shutdown Control Unit



TSOL-RSD-MG1-D/C

House on fire!!!

Solar system is still working, high DC power on roof, if with water, firefighters are in danger, can't put out fire whatsoever.

NO!!! House burned down.

### Automatic Shutdown

Automatically shutdown the DC power of panels when detecting temperature of the area is higher than 85 C.

### Manual Shutdown

Firefighter or house owner can manually switch off the manual switch to shutdown the DC power of the panels if there is an emergency situation.

House on fire!!!

Rapid shutdown control unit cut off solar power automatically or manually, no life risk put out fire using water, firefighter can work now.

Fire put out, house is safe now.



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**TSOL-RSD-MG1-D**



**TSOL-RSD-MG1-C**

## Technical Data

### Rapid Shutdown Device

Model	TSOL-RSD-MG1-D	TSOL-RSD-MG1E-D
Quantities of solar panels connected*	1	2
Max. DC Voltage*	75	150V
Max. DC Current		15A
Max. System Voltage		1500V
Operating Temperature Range	-25 C to +85 C (Automatically switch off at +85 C )	
Length of Cable	1200mm(Signal), 120mm(Panel), 1200mm(String)	
Ingress Protection	IP68	

### Rapid Shutdown Controller

Model	TSOL-RSD-MG1-C
Quantities of Rapid Shutdown Device connected	≤ 30
Operating AC Voltage Range / Nominal Frequency	100V - 240V, 50 / 60 Hz
Operating Temperature Range	-25 C to +85 C
Ingress Protection	IP68
Dimensions	125*125*75 mm

\* While two solar panels are connected, the open circuit voltage of each solar panel should be less than 40V.

## Diagram

