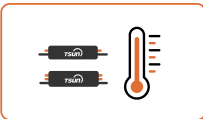


# TSUN

## Module-Level Rapid Shutdown

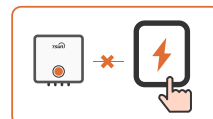


### TSOL-RSDM



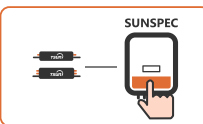
#### Automatic Shutdown

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



#### Shutdown With Distribution Box

In emergency, firefighters or homeowners can manually turn off the AC power of the distribution box.



#### Shutdown With Inverter

In emergency, it can be manually turned off by the DC switch in the SUNSPEC inverter.



#### Shutdown With Controller

In emergency, it can be shut down manually through the module-level rapid shutdown controller RSDM-C.



TSOL-RSDM-DS

TSOL-RSDM-DD



TSOL-RSDM-CQ



TSUNESS Co., Ltd

E-mail: sales@tsun-ess.com

Web: www.tsun-ess.com

Tel: +86-512-6618 6028

Add: Chuangye Road, Jiashan County, ZheJiang Province, China

# Technical Data

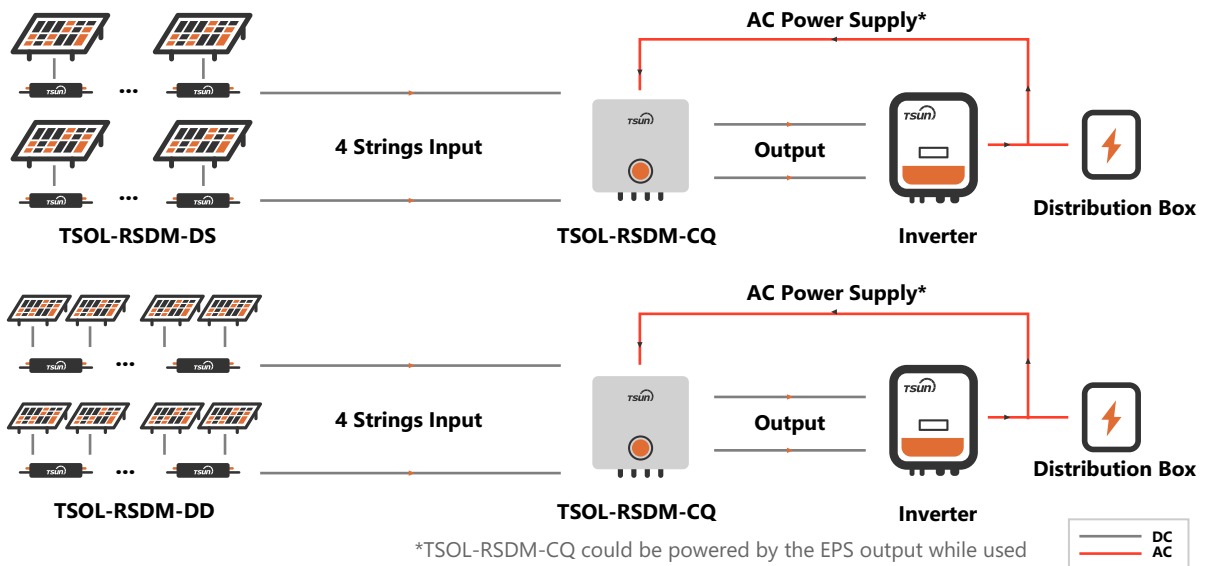
## Rapid Shutdown Device

Model	TSOL-RSDM-DS	TSOL-RSDM-DD
Max. DC Voltage	80V(UL) / 120V(EU)	80V*2(UL) / 120V*2(EU)
Max. DC Current	20A(15A optional)	20A*2(15A optional)
Max. System Voltage	1500V(1000V optional)	1500V(1000V optional)
Operating Temperature Range	-40°C to +80°C	-40°C to +80°C
Cable Size / Length	4mm <sup>2</sup> / 300mm(Panel), 1200mm(String)	4mm <sup>2</sup> / 300mm(Panel), 1200mm(String)
Ingress Protection	IP68	IP68
Communication	PLC	PLC
Mounting	Clip	Clip
Connector	MC4 Compatible	MC4 Compatible
Dimension(W*H*D)	130mm*30mm*16mm	137mm*42mm*16mm
Weight	250g	450g

## Rapid Shutdown Controller

Model	TSOL-RSDM-CQ
Operating AC Voltage Range	100 V-240 V
Norminal Frequency	50/60 Hz
Consumption	<1W
Quantity of DC Input	4 Strings
Max. DC Current per Input	20 A(40A optional)
Max. DC Voltage per Input	1500 V
Operating Temperature Range	-30°C to +55°C
Ingress Protection	IP65
Communication	PLC
Mounting	Wall Mounted
Connector	MC4 Compatible (DC) , Plug in Connector (AC)
Dimension(W*H*D)	216mm*165mm*57mm
Weight	1800g

## Diagram



## Ordering Information

Ordering NO.	Model	Description
👍 04.05.01.001	TSOL-RSDM-DS-A	1 input, 1500V, 20A
04.05.01.002	TSOL-RSDM-DS-B	1 input, 1500V, 15A
04.05.01.003	TSOL-RSDM-DS-C	1 input, 1000V, 20A
04.05.01.004	TSOL-RSDM-DS-D	1 input, 1000V, 15A
👍 04.05.01.005	TSOL-RSDM-DD-A	2 inputs, 1500V, 20A

Ordering NO.	Model	Description
04.05.01.006	TSOL-RSDM-DD-B	2 inputs, 1500V, 15A
04.05.01.007	TSOL-RSDM-DD-C	2 inputs, 1000V, 20A
04.05.01.008	TSOL-RSDM-DD-D	2 inputs, 1000V, 15A
04.05.02.001	TSOL-RSDM-CQ-A	4 strings, 20A
04.05.02.002	TSOL-RSDM-CQ-B	4 strings, 40A

For more information, visit/contact us at [www.tsun-ess.com](http://www.tsun-ess.com)