



TSUN PV Array-level Rapid Shutdown

TSOL-RSD-S600/S1000/S1200/S1500-X



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 Switch



In emergency, firefighters or homeowners can manually turn off the additional switch.

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Type	1-2 strings	3-5 strings	6-10 strings
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Main Parameters

Max System voltage (Vdc)	600/1000/1200/1500		
Max current(A)	600V/1000V-50A	600V/1000V-30A	
Number of strings	1/2	3/4/5	6/8/10
Poles	2/4	6/8/10	12/16/20
Operating voltage	100Vac-270Vac		
Nominal voltage	230Vac		
Nominal current	30mA	30mA	60mA
Operating temperature	-40°C~+70°C		
Automatically switch off by temperature	+70°C		
Storage temperature	-40C~+85°C		
Ingress protection level	IP66		IP65
Protection level	Class II		
Certification	CE		
Regulations compliance	EN 60947-1&3		
Mechanical life	10000		
Electrical life	>1500		
PID recovery function	/	Optional	Optional

PID Recovery Module Spec(optional)

AC Input

Static Power	<0.5W
Operating Power	3.75W
Max.Power	8.75W

DC Output

Rated Output Voltage To Ground	600V
Rated Output Current	3.3mA
Max. Short Circuit Current	6.7mA

PV Modules And Inverter Requirements

Max System Volatage	1500V
Module Type Required	P Crystalline Silicon Type
Minimum Insulating mpendance	200kQ

Other Info

Operating Temperature Range	-40°C~+70C(3-5)	-20°C~+60°C(6-10)
Operating Relative Humidity	0%~98%	
Max. Altitude Without Derating	4000m	

