

## Rapid Shutdown

for photovoltaic (solar) systems

*Mindent IS  
kapcsolunk...*



### Feature

- 1 ~ 10 strings available
- UP to 40 A
- UP to 1500 V
- CE certification
- IP65 protection & anti UV
- APP remote control
- shutdown feedback signal
- auto shutdown exceeding 70 °C
- 10 000 mechanical life cycles
- Isolator with CE, CB, TUV, SAA

### Select Code

<b>TW</b>	-	<b>RSD</b>	-	<b>150</b>	-	<b>40</b>	-	<b>N</b>
↓		↓		↓		↓		↓
Thinkwe		Rapid shutdown		Max voltage		Max current		Number of strings
		String-level Panel-level		1500 V		40 A		1, 2, 3, 4, 5 5, 6, 7, 8, 9, 10

## Technical Data

	TW-RSD 150-40-1	TW-RSD 150-40-2	TW-RSD 150-40-3	TW-RSD 150-40-4
Main loop parameters				
Number of strings	1	2	3	4
Max DC voltage	1500 V DC			
Max DC current	40 A			
Parameters	1500 V DC 26 A, 1000 V DC 40 A, 600 V DC 40 A			
DC connector	MC4			
Control loop parameters				
Power supply type	AC single phase			
Power supply type	230 V AC			
Operating voltage	100-270 V AC			
Nominal frequency	50 Hz			
Operating frequency	47-53 Hz			
Nominal current	30 mA			
Max current	300 mA			
AC connector	Plug-in			
Product parameters				
Protection degree	IP 65			
Protection level	Class II			
Certification	CE			
Switch according to	EN 60947-3			
Number of operations	> 10000			
N. of operations under load	> 1500			
Operating temperature	20 °C ~ 70 °C			
Temperature sensor trigger	70 °C			
Warranty	5 years			
Dimensions (L xWxH) (mm)	265 x 280 x 115		300 x 280 x 115	350 x 280 x 115
Weight	2950 g	3130 g	3440 g	3950 g

## Technical Data

TW-RSD 150-40-5	TW-RSD 150-40-6	TW-RSD 150-40-7	TW-RSD 150-40-8	TW-RSD 150-40-9	TW-RSD 150-40-10
Main loop parameters					
5	6	7	8	9	10
1500 V DC					
40 A					
1500 V DC 26 A, 1000 V DC 40 A, 600 V DC 40 A					
MC4					
Control loop parameters					
AC single phase					
230 V AC					
100-270 V AC					
50 Hz					
47-53 Hz					
30 mA					
300 mA					
Plug-in					
Product parameters					
IP 65					
Class II					
CE					
EN 60947-3					
> 10000					
> 1500					
20 °C ~ 70 °C					
70 °C					
5 years					
348 x 270 x 137		348 x 330 x 173		348 x 330 x 195	
4700 g	5200 g	5800 g	6300 g	6500 g	7000 g



## About Thinkwe

Thinkwe Technology is a professional electrical manufacturer dedicated to the safety of PV applications for over 12 years. The main products include Firefighter Safety Switch and Surge Protector Device. As of today, we have already shipped more than 80000 units worldwide.

Thinkwe Technology have 2 R&D bases in Wuxi and Xiamen, with a production base of 4000 m<sup>2</sup> in Wuxi. With our 40+ professional R&D team, our company is able to provide the market with state-of-the-art products.

Thinkwe Technology is devoted to making PV systems safer for everyone, which we believe is of vital importance to a fast-growing renewable energy market all over the World.



R&D centers  
**2**



Engineers  
**40**



Employees  
**200**



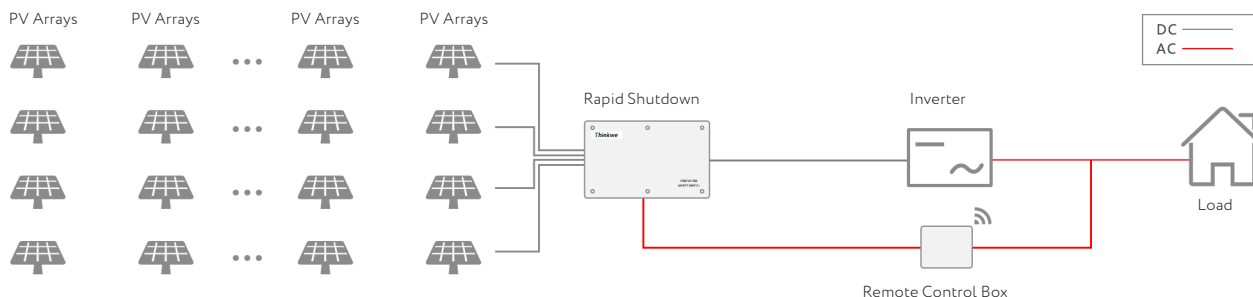
Core patents  
**12**



Years of experience  
**6**



Supply of units  
**80 000**



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