

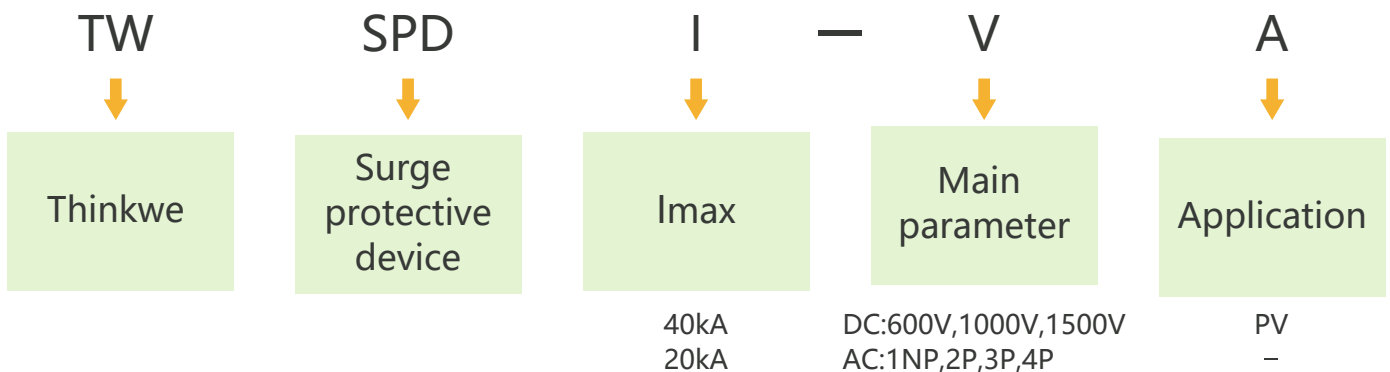
Surge Protective Device



Feature

- Focus on solar safety
- DC SPD available
- AC SPD available
- Up to 1500V for DC SPD
- 1-4P available for AC SPD
- Up to 40KA
- High reliability
- Wide temperature range

Select Code



Technical Data

DC SPD for solar system(40KA)

Model	TW-SPD-600PV	TW-SPD-1000PV	TW-SPD-1500PV
According to the standard	IEC61643		
Number of pole	2P	3P	3P
Rated operating Voltage	600V DC	1000V DC	1500V DC
Max operating Voltage	660V DC	1100V DC	1800V DC
Max discharge current (Imax)	40kA		
Nominal discharge current(In)	20kA		
Response time	≤25ns		
Range of working temperature	-40°C ~ 70°C		
Housing material	PA6/PBT UL94 V-0		
Remote signaling device	option		
Protection grade	IP20		
Warranty	1 year		
Indication of invalidation	Green is normal, Red is invalidation		

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Technical Data

AC SPD for solar system(40KA)

Model	TW-SPD40-1N	TW-SPD40-2	TW-SPD40-3	TW-SPD40-4
According to the standard	IEC61643			
Number of pole	1NP	2P	3P	4P
Max operating Voltage	275V DC	385V AC	385V AC	385V AC
Max discharge current (Imax)	40kA			
Nominal discharge current(In)	20kA			
Response time	≤25ns			
Range of working temperature	-40°C ~ 70°C			
Housing material	PA6/PBT UL94 V-0			
Remote signaling device	option			
Protection grade	IP20			
Warranty	1 year			
Indication of invalidation	Green is normal, Red is invalidation			

AC SPD for solar system(20KA)

Model	TW-SPD20-1N	TW-SPD20-2	TW-SPD20-3	TW-SPD20-4
According to the standard	IEC61643			
Number of pole	1NP	2P	3P	4P
Max operating Voltage	275V DC	385V AC	385V AC	385V AC
Max discharge current (Imax)	20kA			
Nominal discharge current(In)	10kA			
Response time	≤25ns			
Range of working temperature	-40°C ~ 70°C			
Housing material	PA6/PBT UL94 V-0			
Remote signaling device	option			
Protection grade	IP20			
Warranty	1 year			
Indication of invalidation	Green is normal, Red is invalidation			