FireGuard Switch
Model 1-10

IP66
protection rating

40A Max
DC current

1500V
MAX DC Voltage

-20 °C~ 70 °C
Wide Operating Temperature

✓ Safety

- **Solution for rooftop** solar installations. In emergency situations, such as fires, it quickly **disconnects the solar array and inverter circuits**.
- Protection for rescue personnel during emergency response efforts.

✓ Outdoor Design

- An IP66 protection rating, ensuring durability and **reliability for outdoor installations.**
- **High resistance** to dust, water, and varying weather conditions.
- This makes it the perfect choice for solar systems installed on rooftops or exposed locations.

✓ Compatibility

- Up to **1500V** input voltage and **40A** input current.
- Compatibility with most solar usage scenarios, ensuring **easy integration with existing solar systems**.

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Model	MID-FGS 150-40-1	MID-FGS 150-40-2	MID-FGS 150-40-3	MID-FGS 150-40-4	MID-FGS 150-40-5	MID-FGS 150-40-6	MID-FGS 150-40-7	MID-FGS 150-40-8	MID-FGS 150-40-9	MID-FGS 150-40-10
Main loop parameters										
Number of strings	1	2	3	4	5	6	7	8	9	10
Max DC voltage	1500 Vdc									
Max DC current	40A									
Parameters	1500V26A,1250V32A,1000V40A,800V40A									
DC connector	MC4									
Control loop parameters										
Power supply type	AC single phase									
Nominal voltage	230Vac									
Operating voltage	100-270 Vac									
Nominal frequency	50/60Hz									
Operating frequency	47-63 Hz									
Nominal current	100mA									
Max current	300mA									
AC connector	Plug-in									
Product parameters										
Protection degree	IP 66									
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~75°C									
Temperature sensor trigger	70°C									
Warranty	5 years									
Dimensions (L*W*H)	190*230*105		300*280*115		348*280*137		348*330*166		348*330*195	
Weight	3440g	3950g	3440g	3950g	4700g	5200g	5800g	6300g	6500g	7000g

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