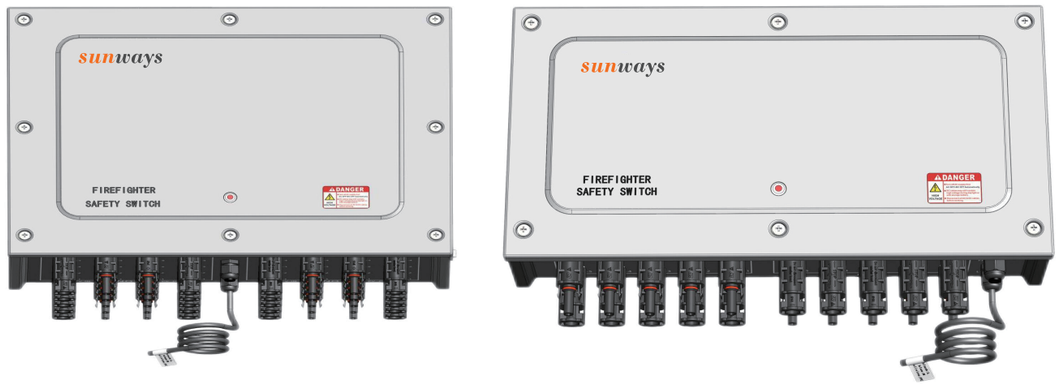
# Rooftop PV Safety Solution

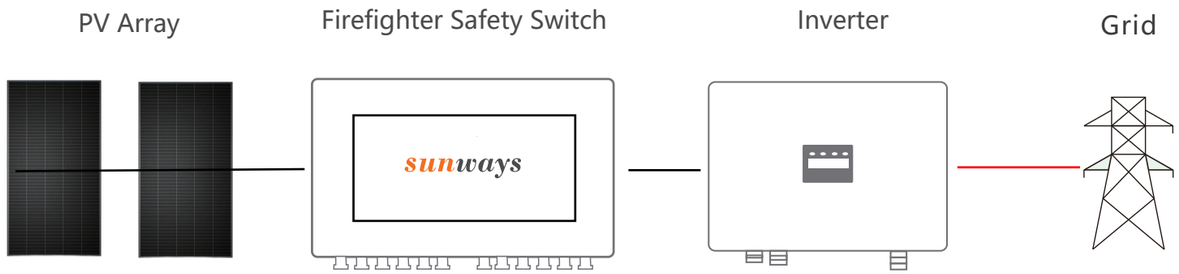
sunways

## Active PV Safety Guard




- Active Arc Fault Detecting & Interrupting, Fire Prevention
- Fireman Protection From Electric Shock By Isolating DC Power
- Operation Temperation - 40°C ~ + 85°C
- Reliable Using For 25 Years
- Automaticlly Switching ON / OFF by linking with AC Power

## Working Diagram and Spec




| Main Parameters | SWS-FFSS |
|---|---|
| System voltage (Vdc) | 1500V |
| Max current (A) | 50 |
| Number of strings | 2~10 |
| Poles | 4~20 |
| Operating voltage | 100Vac - 270Vac |
| Nominal voltage | 230Vac |
| Nominal current | 30mA |
| Operating temperature | -40°C - +70°C |
| Automatically switch off by temperature | +70°C |
| Storage temperature | -40°C - +85°C |
| Ingress protection level | IP65 |
| Protection level | Class II |
| Certification | CE |
| Regulations compliance | EN 60947-1&3 |
| Mechanical life | 10000 |
| Electrical life | >1500 |
| Arc fault protection | Yes |
| Dimension | 440*300*140mm for 6~10 strings; 440*245*85mm for 3~5 Strings |