

# PV DC ISOLATOR SWITCH

MODEL: RS-i2



## Safety & Protection

- < 3 ms arc suppression for safe disconnection.
- SAFE-LOCK rotary switch with 3 operating positions to prevent tampering.
- Rated insulation voltage up to 1500 VDC, impulse withstand 8 kV.
- Lockout/Tagout (LOTO) option for safe maintenance.

## Robust & Reliable Design

- UV resistance, flame-retardant UL94 V-0 PC housing.
- IP66NW protection – dustproof, waterproof, and corrosion resistant.
- Long service life even in harsh outdoor environments.

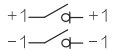
## SPECIFICATIONS

| Model                     | RS-i2                                      |
|---------------------------|--------------------------------------------|
| Max. Rated Current        | 55 A                                       |
| Max. Rated Voltage        | 1500 VDC                                   |
| Poles / Circuit           | 2P in series                               |
| Supported PV String       | 1 PV string                                |
| Impulse Withstand Voltage | 8 kV                                       |
| Arc Suppression Time      | < 3 ms                                     |
| IP Rating                 | IP66NW                                     |
| Operating Temperature     | -40°F to +185°F (-40°C to +85°C)           |
| Housing Material          | Flame-retardant PC (UL94 V-0)              |
| Dimensions (H × W × D)    | 9.8 × 3.8 × 4.3 in (249.4 × 97.6 × 110 mm) |
| Weight                    | 1.26 lb (0.571 kg)                         |
| Certification             | CE                                         |
| Warranty                  | 3 Years                                    |

## Contact Diagram / Switching Example

...2

Contacts wiring diagram



Switching example



## Versatile Applications

- Isolates DC circuits from inverters, charge controllers, or batteries.
- Suitable for on-grid and off-grid solar systems.
- Ideal for residential, commercial, industrial, RV, and marine setups.

## Easy Installation & Certified Quality

- Flexible cable connectors and user-friendly terminals for quick setup.
- Backed by a 3-year warranty for reliable performance.
- Certified to CE standard.