

# 1000V/1200V DC Solar Isolator Switch

This DC isolator switch is designed for disconnecting photovoltaic arrays in solar power systems. It features an IP66-rated enclosure for environmental protection and supports voltage ratings of 1000V and 1200V DC.



## ADDITIONAL IMAGES



## Product Overview



The MDIS series features an exquisite appearance and energy-efficient design suitable for civil industry equipment.

### Robust DC Isolation for Solar PV Systems

The MDIS Series offers a high-performance range of weather-protected isolating switches designed specifically for photovoltaic array disconnection. Engineered for both indoor and outdoor use, these switches provide a safe and reliable method for isolating DC circuits during maintenance or emergencies. With a focus on durability and ease of installation, the series supports high-voltage applications up to 1200V DC.

## Technical Performance



IP66 rated enclosure provides superior protection against water, dust, UV, and chemicals.

### Key Performance Metrics

**1200 V**

Max DC Voltage

**62 A**

Max Rated Current

**66 NW**

IP Rating

### Voltage Ratings

1000V DC, 1200V DC

### Rated Current Range

20A to 62A

## Compliance & Safety



Constructed with high-quality PC flame retardant material for enhanced heat and wear resistance.

### Safety Features

- Lockable OFF position for secure maintenance
- Flame retardant PC material construction
- Heat and wear resistant enclosure
- Insulation flame retardancy

### Compliance Standards

AS 60947.3 DC-PV2, CE, CB

## Physical Design

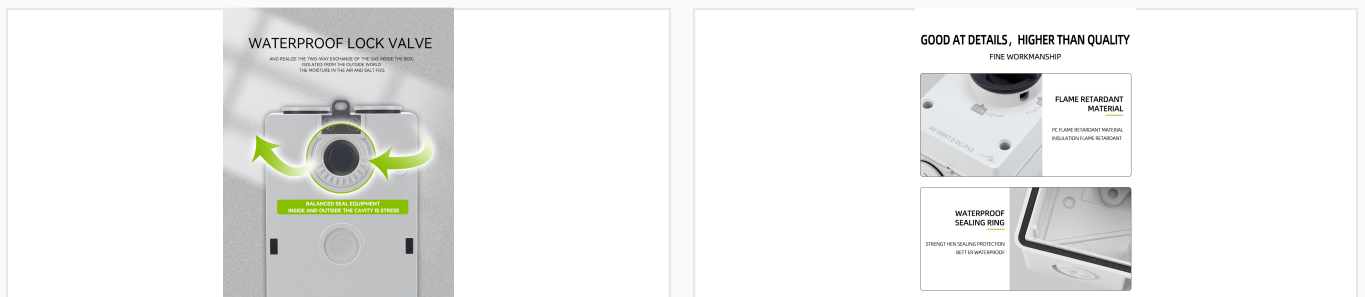


Features separate knock-out wire holes and a flexible knob for easy installation and operation.

Precision injection-molded PC material provides lightweight durability and chemical resistance.

<b>Switch Dimensions</b>	165mm x 82mm x 85mm
<b>Enclosure Material</b>	Thermoplastic PC Material (European Community Standard)

## Installation & Durability



Integrated waterproof lock valve balances internal and external pressure to prevent enclosure stress.

Strengthened sealing protection ensures long-lasting waterproof performance in demanding environments.

### Environmental Protection

- IP66 Waterproof and Dustproof
- Anti-UV and Chemical Resistance
- Waterproof sealing ring for enhanced protection
- Two-way gas exchange valve to prevent internal pressure stress

### Mechanical Features

- Flexible knob for easy handle conversion
- Long mechanical service life
- Base mounted mechanism for easier termination
- Knock-out wire holes on both sides for flexible wiring