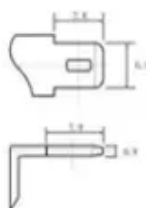
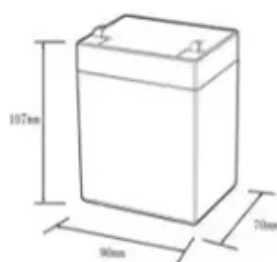




# Photovoltaic energy storage isolation switch

12.8V6Ah



- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6–13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0~+50
- Discharge temperature (°C): -20~+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):90\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds





## Overview

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In a PV system, it's usually necessary to have a switch that can isolate the PV panels from the system —or the inverter from the grid and loads. This is mainly done using a solar isolator switch. This switch allows you easily (and safely) turn off your solar circuits whenever. Selecting the right isolator switch ensures your solar installation is protected from overloads, short circuits, and maintenance hazards. According to the National Electrical Code (NEC), a readily accessible disconnect is required for most PV systems.



## Photovoltaic energy storage isolation switch



### [Isolator Switch Safety Guide for Solar Energy Systems](#)

This comprehensive guide will walk you through everything you need to know about isolator switch safety in renewable energy applications, from basic functionality to advanced ...

### [DC Isolator Switches: Essential Safety Components for Solar Pv Systems](#)

These switches are particularly important in renewable energy installations, such as solar panel systems and battery storage units, where they enable safe isolation of DC power for ...



### **Understanding Solar Isolator Switch**

Here is the solar isolator switch, its types, and application explained to give you a better understanding of the product and its use in solar systems

### [10 Types of Isolator Switches for Photovoltaic Systems](#)

Explore our complete lineup of isolator switches and protective components for photovoltaic systems. Click here to request a quote or consultation and ensure your solar installation ...



### [DC Isolator Switch for Solar Systems , Reliable PV Disconnect ...](#)

DC Isolator Switches are critical safety crucial safety device designed specifically for solar photovoltaic systems. They provide a means of manually disconnecting the DC power flow between solar panels ...



### [The key importance of isolating switches in photovoltaic](#)

In this article, we will discuss this topic, explaining what an isolating switch is and why it is essential in photovoltaics, how it increases safety, and how to choose the right model for a specific ...



### [Combined Switch: Smart Electric Isolator Switch for Energy Storage](#)

Smart combined switch and electric isolator switch for energy storage, microgrids, EV charging, and solar systems. Automate power flow and protect your grid.



### [Solar PV DC Isolator](#)



## Manufacturer\_Wholesale Energy Storage Switch...

According to safety regulations, a DC isolating switch needs to be installed between the photovoltaic module and the inverter. ASWICH's DC isolating switch can protect users' safety.

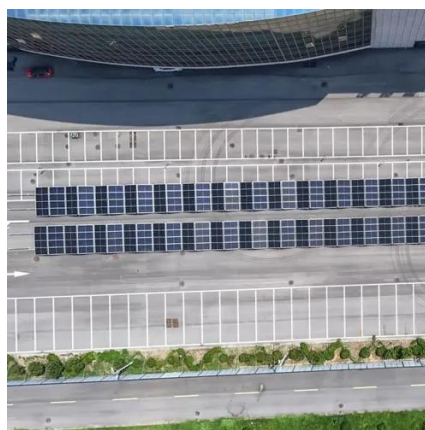


## **Understanding Solar Isolator Switch**

Your guide to solar combiner boxes, isolator switches, and disconnects. Learn their applications and safety functions.

## **Combiner Boxes, Isolators, Disconnects**

Your guide to solar combiner boxes, isolator switches, and disconnects. Learn their applications and safety functions.



## DC Isolator Switch Solar: Advanced Safety and Smart Integration for

High-performance DC isolator switches for solar installations featuring advanced safety features, weather-resistant design, and smart integration capabilities. Ideal for residential and commercial ...



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