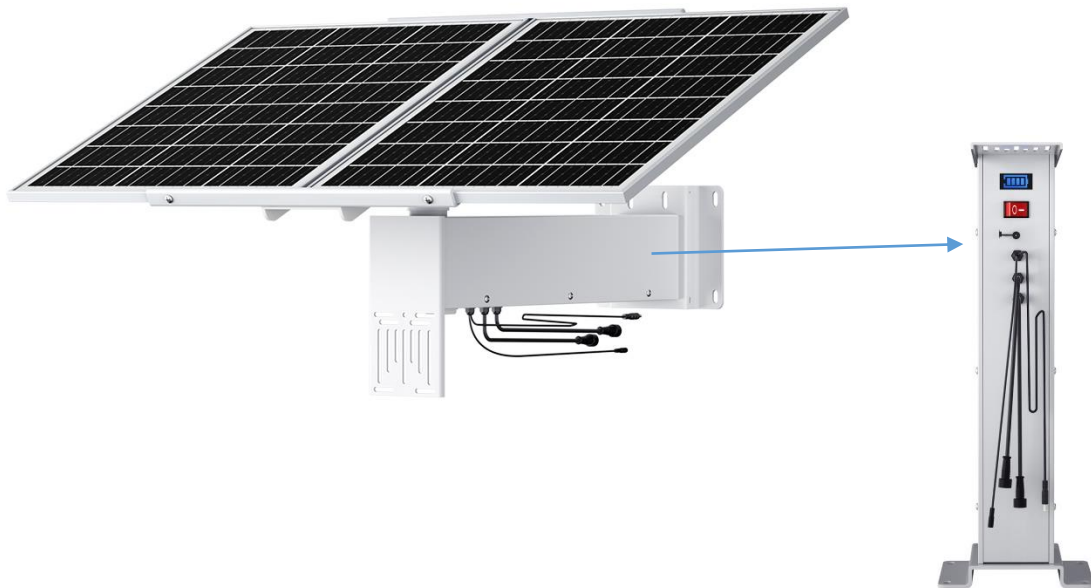




SOLAR PACK SET SD-6-27



SD-6-27 Solar Panel 60W Battery 11.1V 27AH

Product Advantages:

- Overall design is user-friendly and easy to install.
- Integration of solar panel and battery eliminates the need for separate wiring of the power box.
- Unified equipment installation on the bracket without the need for separate fixation.
- Unique solar power system on the market, integrating solar panel, controller, battery, and equipment fixing plate into one.
- Dual-panel design of the solar panel reduces fragility and damage during transportation, resulting in cost savings for shipment.
- Battery advantage: 11.1V/27AH lithium iron phosphate battery.
- Output power: DC12V2A max 25W with a DC connector of 5.5*2.1mm.
- The solar panel can fully charge a battery within 6-8 hours.



- It is capable of powering 4G bullet camera products for approximately 28 hours during rainy weather.
- Suitable for powering 4G bullet cameras, 1.5-2.5 inch small 4G camera monitors, outdoor small CCTV, outdoor CPE, outdoor audio systems, outdoor speakers, sensors, and other small 12V DC products.

Solar Panel Specifications:

Dual solar panels with a combined power output of 60W

Battery capacity: 27AH

Waterproof rating: IP66

Maximum Power Point (MPP) voltage: 5.8V

MPP current: 5.62A

Open circuit voltage: 21.8V

Dimensions: 350mm × 400mm × 20mm (each panel, total of 2 panels)

Silicon wafer size: 157mm × 157mm

Solar cell type: Class A polycrystalline silicon

Front cover material: Special glass for durability and protection.

Battery Specifications:

Battery Type: 3S 18650 Li-ion Battery Pack

Pack Configuration: 3 x 18650 cells in series

Battery capacity: 27AH

Nominal Pack Voltage: 11.1V

Operating voltage 11.1V~12.6V

Maximum charging voltage: 12.6V ± 0.03V

Battery power

Battery Power Levels:

12.6V (100%)

12V (90%)

11.5V (80%)

11V (70%)

10.5V (60%)

10V (30%)

9.5V (10%)

<9.5V (0%)

Maximum Continuous Charge Current: ≤2A

Overcharge Detection Voltage: 12.75V ± 0.15V



Overcharge Recovery Voltage: $12.45V \pm 0.15V$

Overdischarge Detection Voltage: $9.0V \pm 0.3V$

Overdischarge Recovery Voltage: $9.9V \pm 0.3V$

Carton Size: 47*22*45cm 9.5kgs.

➤ Install Guide

This guide provides easy, step-by-step instructions for the installation of the Integrated Solar Kit SD-6-27. Follow these steps carefully to ensure proper assembly and optimal performance of your solar kit. The kit includes all necessary components for mounting and connecting the solar panels and associated hardware. Make sure to handle all parts with care and follow safety guidelines throughout the installation process.

