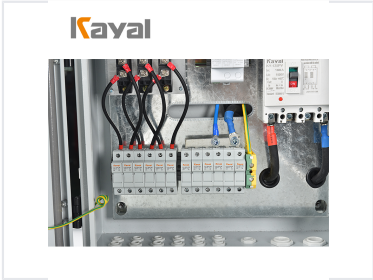
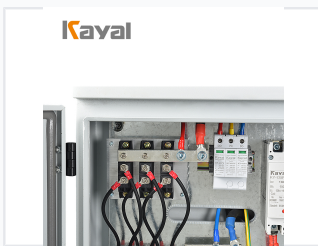


Photovoltaic Combiner Box for Solar Power Systems

This photovoltaic combiner box consolidates multiple solar panel outputs into a single connection point. It provides overcurrent and surge protection for photovoltaic systems, ensuring safe and reliable operation.



ADDITIONAL IMAGES



Product Overview



A robust PV array combiner box designed for large-scale solar power generation systems.

Professional Photovoltaic Combiner Solution

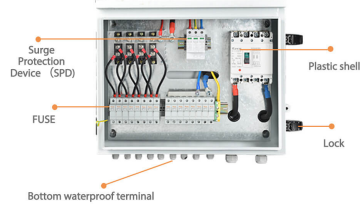
This PV combiner box is designed to aggregate multiple solar string inputs into a single output, significantly reducing wiring complexity for large-scale grid-connected systems. Engineered for high reliability, it provides essential overcurrent and surge protection while facilitating easy maintenance for solar power installations. The enclosure is built to withstand rigorous outdoor environments, offering robust protection against environmental factors.

Technical Specifications

PRODUCT DESCRIPTION

PV COMBINER BOX

IP65

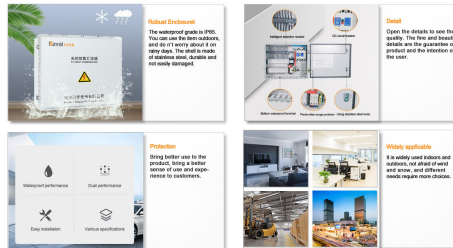


Detailed view showing surge protection devices, fuses, and waterproof terminal connections.

Input Channels	16
Max DC Voltage	1000 V
Fuse Rating	15 A
Operating Temperature	-10°C to +40°C

Environmental & Safety

CHARACTERISTIC



The IP65-rated enclosure ensures reliable operation in various weather conditions, including rain and snow.

Ingress Protection

IP65

Environmental Features

Anti-UV, Anti-acid, Anti-alkali, Moisture Resistant, Mildew Resistant, Rodent Control

Basic Structure

Component Layout

Component

Negative convergence copper busbar

16-way detection unit

DC MCB

DC positive convergence output

DC negative convergence output

RS485 communication terminal

Ground output point