

Photovoltaic Combiner Box for Solar Systems

This photovoltaic combiner box features DC fuse, surge protection, circuit breaker, and load isolation switch. Its IP65-rated design ensures waterproof, dustproof, and UV-resistant performance across a wide temperature range.



ADDITIONAL IMAGES



Product Overview

Professional Photovoltaic Integration

This photovoltaic combiner box is engineered for high-reliability solar energy management, housing essential protection components including DC fuses, surge protection devices, and circuit breakers. Its IP65-rated enclosure ensures robust performance in diverse outdoor environments by providing superior resistance to dust, water, and ultraviolet radiation. Designed for flexible deployment, the system supports various module technologies including single crystal silicon, polycrystalline silicon, and thin-film modules, offering a simplified and efficient wiring solution for solar installations.

Technical Specifications

Protection Rating

IP65 • Waterproof • Dust-resistant • UV-resistant

Integrated Components

- DC Fuse
- DC Surge Protection Device (SPD)
- DC Circuit Breaker
- DC Load Isolation Switch

Compatible PV Modules

Single crystal silicon, Polycrystalline silicon, Thin film

Operating Conditions

High and low temperature tested for wide application range