

# Photovoltaic Combiner Box for Solar Power Systems

This PV combiner box consolidates multiple photovoltaic array circuits into a single circuit. It houses fuses or circuit breakers for overcurrent protection, protecting the solar power system from excessive current.



## Product Overview

### Professional PV String Integration

The Photovoltaic Combiner Box provides an essential solution for consolidating multiple PV array circuits into a single, managed output. Designed for both residential and commercial solar systems, this device ensures an orderly connection while facilitating easier maintenance and inspection. Its robust construction provides reliable protection against environmental elements, effectively reducing downtime and safeguarding system integrity through integrated overcurrent protection.

## Key Features

### System Benefits

- Simplifies wiring architecture
- Reduces installation time for PV arrays
- Facilitates safe circuit isolation during maintenance
- Limits power failure scope during faults
- Integrated overcurrent protection for each string

## Construction & Design

### Ideal Applications

Residential • Commercial • Utility-scale

### Construction Details

Weather-resistant, Outdoor-rated, Lockable enclosure, Includes grounding, Surge protection