

# Photovoltaic DC Combiner Box for Solar Systems

This DC combiner box consolidates multiple PV array circuits into a single output. It provides overcurrent protection and surge protection, centralizing connections for easier wiring and maintenance in solar panel installations.



## ADDITIONAL IMAGES



## Overview

### Reliable Solar Power Management

This photovoltaic DC combiner box is engineered for robust solar system integration, offering efficient circuit consolidation and essential overcurrent protection. Constructed with a durable, weather-resistant enclosure, it ensures long-term performance in demanding outdoor environments. The unit simplifies system wiring and maintenance, providing a safe and organized connection point for your solar arrays.

## Technical Specifications

### Ingress Protection

IP65 • Waterproof • Anti-dust • Anti-ultraviolet

### Surge Protection Performance

**1000 VDC**

Max Voltage

**40 kA**

Max Surge Current (Imax)

**20 kA**

Nominal Discharge Current (In)

**3.3 kV**

Voltage Protection Level (Up)

### Enclosure Material

Cold rolled steel and metal

## Compliance & Standards

### Standards Compliance

- IEC62109-1:2010
- IEC61439-1:2011
- IEC61439-2:2011
- EN62109-1
- CGC/GF 037:2014

### Certifications

TUV, CE, ISO9001

## Service & Ordering

### Service Capabilities

Service Type	Availability
ODM Services	Accepted
Trial Orders	Supported