

SolarInnovate Energy Solutions

Australian PV combiner box manufacturer



Overview

What is a PV combiner box?

Our PV Combiner Box is a perfect device designed to reduce the connection line between PV modules and inverters, facilitate maintenance and improve reliability. Equipped with high-voltage lightning arresters, 15A DC fuses, and circuit breakers to play a role in circuit protection and lightning protection.

What is a DC combiner box?

Our DC combiner boxes offer users the possibility to integrate short-circuit and overvoltage protection, as well string monitoring solutions (I, V, T and SPD and switch isolator status), for PV systems using central inverters with PV panels in trackers and fix tilt systems.

What is a string combiner box?

String combiner box provides functions of combining circuit and surge protection between PV modules and inverters. With optional monitoring module, it could upload and monitor the status of current, voltage, switch and SPD. Electrical data is displayed by LED and transferred by the means of RS485.

What is a solar combiner box?

Extensive Application: The combiner box is a perfect device for outdoor installation and use. Suitable for photovoltaic on-grid/off-grid solar power generation systems, solar panel systems, PV array, RV solar power, home solar panel systems. It can support solar panel systems up to 720W in 12V system, 1440W in 24V system, 2880W in 48V system.

How does a solar PV combiner box work?

It will make the photovoltaic system at its best and increase output power.
Secure & Reliable Protection: The solar PV combiner box is equipped with 4 pcs 15A DC fuses, a high-voltage lightning arrester, and a 500V 63A air circuit

breaker.

How are PV DC combiner boxes tested?

PV DC combiner boxes are tested according to IEC-61439-2 and are constructed on the basis of the test results as well as assembled for the specific application. This ensures that each of the requirements of the target application is fully met. Do you have any questions?

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Contact Us

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