

SolarInnovate Energy Solutions

Calibration of PV combiner boxes in Auckland New Zealand





Overview

What is a solar combiner box?

The combiner boxes are installed to join and protect the DC strings that go from the PV panels to the solar inverter. The PV DC COMBINER BOX product range ofers solu-tions from 8 to 32 inputs and 1 or 2 outputs. These can be designed for systems with string voltage of 1000 or 1500 V DC.

What are PV string DC combiner boxes?

PV String DC combiner boxes are key components in PV solar power systems, which are placed between solar modules and the inverter. Available in the following variations:.

How does the PV DC combiner box with monitoring work?

By default, the PV DC COMBINER BOX with monitoring comes with the internal communications pre-wired. This means that there is a communication cable between the device and 3 terminals at the bottom side of the enclosure.

Are PV DC combiner boxes CE-compliant?

The PV DC COMBINER BOX is CE-compliant in accord-ance with Directive 2014/35/EU (Low Voltage Directive) and with Directive 2014/30/EU (EMC Directive). PV DC COMBINER BOX is a complete range of tai-lor-made Level 1 combiner boxes for utility-scale photovol-taic systems.

What is included in the user manual for the PVDC combiner box?

This user manual gives the general overview about the complete range of PV DC COMBINER BOX, the individual components, their function as well as their correct handling. An individual datasheet providing the specific information is attached to each combiner box. These information speci-fies the original features of each combiner box.

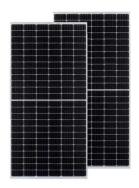
How many inputs & outputs does a PV DC combiner box have?



The PV DC COMBINER BOX product range ofers solu-tions from 8 to 32 inputs and 1 or 2 outputs. These can be designed for systems with string voltage of 1000 or 1500 V DC. The necessary string cables (+ and -) are to be connected at the inputs whereas one or two DC+ and DC- main ca-bles will be at the output side.



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