

Solar inverter protection box





Overview

Can a string inverter be isolated from a PV system?

Furthermore, each string inverter can be easily isolated from the system to do maintenance tasks. The new PV AC combiner boxes have been designed for PV systems with string inverters in trackers or fix tilt systems. The product portfolio is suitable for inverters from 60 kW up to 200 kW and support voltages of 400 V, 690 V or 800 V AC.

What is a PV AC combiner box?

The new PV AC combiner boxes have been designed for PV systems with string inverters in trackers or fix tilt systems. The product portfolio is suitable for inverters from 60 kW up to 200 kW and support voltages of 400 V, 690 V or 800 V AC. The combiner boxes allow to collect from 2 up to 6 string inverters in one single cabinet.

Why should you choose a string inverter?

For solar installations in the PV industry, reliability and availability are paramount. In systems with string inverters, our AC combiner boxes provide optimal short-circuit and overvoltage protection. Furthermore, each string inverter can be easily isolated from the system to do maintenance tasks.

How many string inverters can a combiner box collect?

The combiner boxes allow to collect from 2 up to 6 string inverters in one single cabinet. They withstand ambient temperatures from -20 up to $+50^{\circ}\text{C}$ to operate in hardest climate conditions, fulfilling the highest market standards as per IEC 61439-2 ed 3.0:2020.



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IP65 PV Waterproof Distribution Box DC500V 1 in 1 out 2 3 4 ...

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DC box protection at 25A and 1000V DC

DC box protection under 1000V and up to 25A on solar panels continuous part. Work for inverter with 2 independent input - 2 x MPPT

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Enclosures for Solar Inverters



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