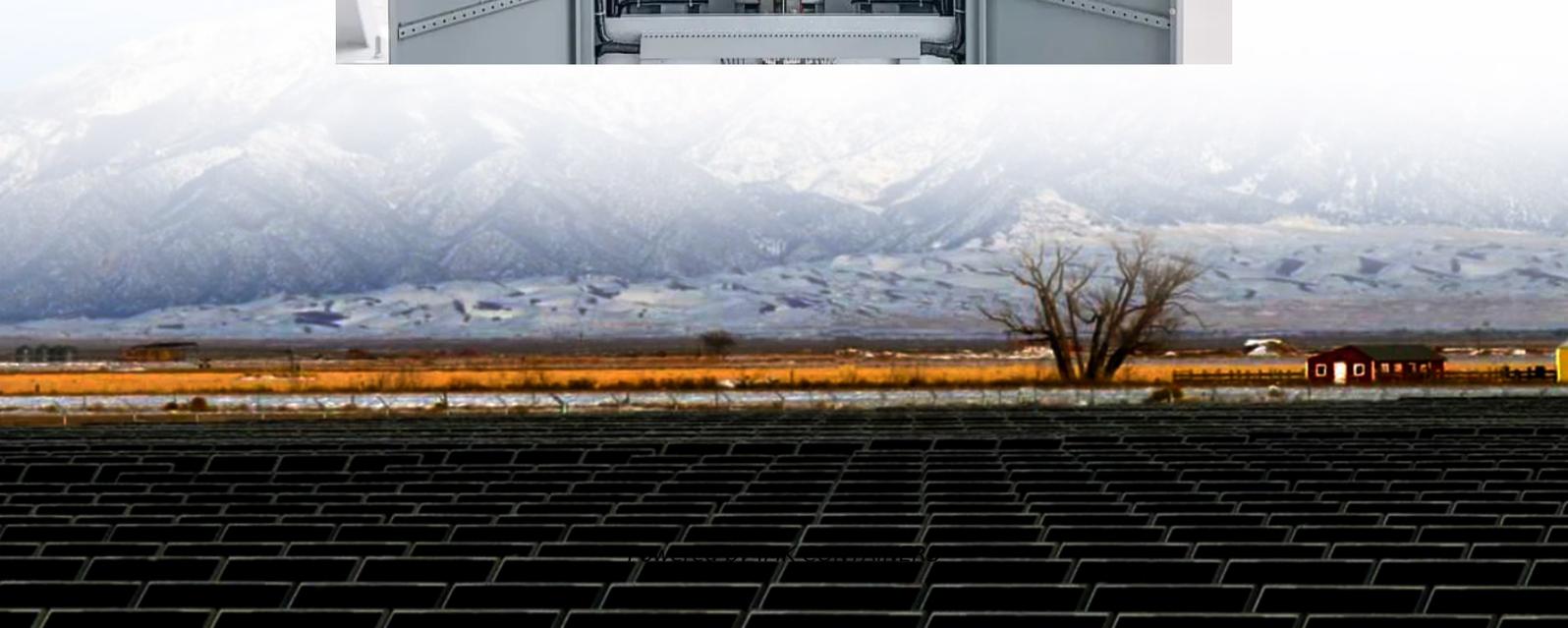


The inverter has two voltage modules





Overview

What is a normal multi-MPPT inverter?

Normal Multi-MPPT inverters can be either defined as whole ("Pnom sharing within the inverter") or as "independent MPPT inputs". "Unbalanced" inverter will be set to "independent MPPT input automatically". When "Independent MPPT inputs" is selected, the user will have to set a number of MPPTs instead of a number of inverters.

What is a dual MPPT inverter?

A Dual MPPT inverter, on the other hand, has two input channels, allowing you to connect two separate solar panel strings. Each MPPT can independently track the maximum power point for each string, making it ideal for systems where the solar panels have different orientations or face shading at different times of the day.

How many solar panels can a MPPT inverter have?

The number of solar PV panels in each string must be at least 4 modules. The PV array must not exceed one string. This step is not required for the inverter MPPT with only one string. The PV generator (PV array) consists of one string, which is connected to the three-phase 5KW inverter.

How many MPPT inputs can a 10kW inverter have?

For example, a 10kW inverter with two MPPTs, of which only one is attributed will have a maximum output power of 5kW if "Independent MPPT inputs" is selected. Some special inverters (namely in the Tripower series of SMA) have 2 MPPT inputs with very different powers.



The inverter has two voltage modules



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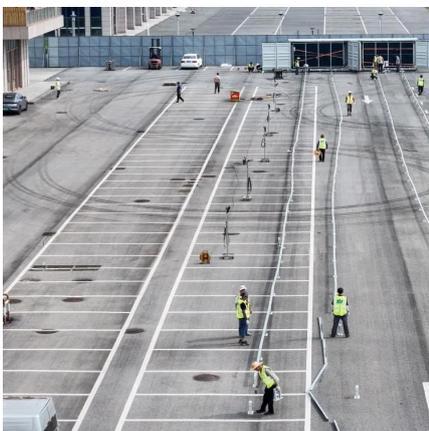
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