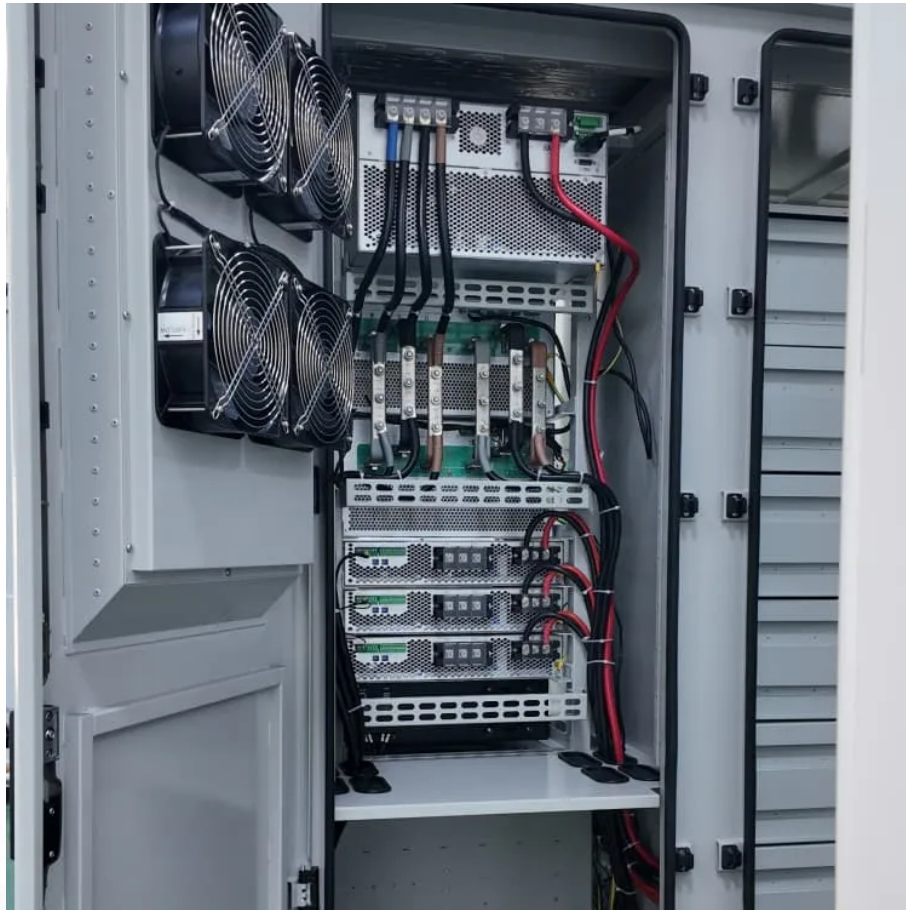


# **Control function of energy storage inverter**





## Overview

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How does an energy storage inverter work?

Now the energy storage inverter is generally equipped with an anti-islanding device. When the grid voltage is 0, the inverter will stop working. When the output of the solar battery reaches the output power required by the energy storage inverter, the inverter will automatically start running.

What is the energy storage inverter industry?

As one of the core equipment of the photovoltaic power generation system, benefiting from the rapid development of the global photovoltaic industry, the energy storage inverter industry has maintained rapid growth in recent years.

What is the function of inverter?

Inverter is a converter that can convert direct current (battery, storage battery, etc.) into constant frequency and constant voltage or frequency modulation and voltage modulation alternating current. The composition of the inverter The inverter is composed of semiconductor power devices and control circuits.

How much power does an inverter use?

Here, both inverters are set to an active power reference of 30 kW and a reactive power reference of 5 kVAR. Note that the initial battery charge levels are set to 80% for the first and 50% for the second battery to allow evaluation of the inverter's capability to disconnect a battery as it approaches its lower SoC limit.



## Control function of energy storage inverter

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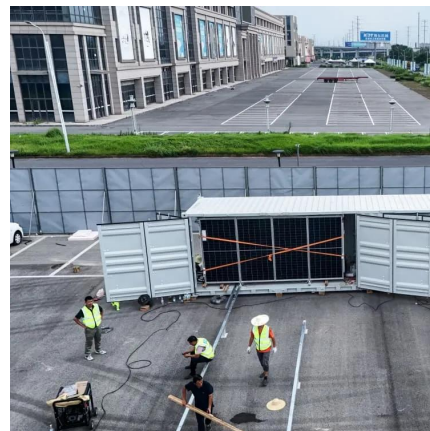


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