

12V wind turbine grid-connected inverter





Overview

What is a grid connected inverter?

The grid-connected inverter is a key device for connecting wind turbines to the grid, converting DC power into AC power and running synchronously with the grid. Voltage control: Adjust the output voltage of the wind turbine to the grid voltage. Frequency control: Adjust the output frequency of the wind turbine to the grid frequency.

What is a grid tie power inverter?

Wide DC input voltage range of 180-500 volts and default 1-phase AC output of 230 volts, LCD main parameters in single phase grid tie inverter, perfect electrical protection function. Wind power generation and solar panel power generation often use grid tie power inverters.

How to install a grid tie inverter?

Simply connect the solar panel directly to the on grid inverter, no need to connect the battery again. The waterproof grade of the inverter grid tie 1000W is IP23, and the installation mode is wall hanging. Good price 180-450V DC to 230V AC single phase grid tie inverter for home solar power system.

How MPPT inverter can be used for wind turbine & solar panel?

This inverters have several MPPT inputs could be used for wind turbine and solar panel. A battery bank can be connected on the inverter to store the energy produced by the energy source (wind and solar). The energy will be stored in the battery firstly, then power the load. Extra energy will be transmitted to the state grid.



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Wind Generator Grid Tie Inverter

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On Grid Inverter, Grid Tie Inverter , inverter

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