

ContainerPower Energy Solutions

12v inverter wind device



Overview

What is a wind turbine inverter kit?

Our wind turbine Inverter kits utilise the latest in 6 or 12 pulse AFE technology (25kW- 2MW) allowing for unity Power Factors to be maintained. Many wind turbines only generate at a fixed speed relative to the frequency of the grid either 50Hz or 60Hz. This limits the efficiency at lower wind speeds and may not be able to generate at all.

What is a wind inverter?

A wind inverter converts DC from your generator or turbine into AC (at 230V 50Hz) as required for conventional appliances and for feeding back into the grid.

What is a 12V power inverter?

Power inverters with more than 90% conversion efficiency and stable performance. The 12V power inverter has the functions of current protection, short circuit protection, over-voltage protection, reverse charging protection, power protection, and core protection.

What type of inverter can be used on Aeolos wind turbines?

It can be used on Aeolos 1kW, 2kW, 3kW, 5kW and 10kW wind turbine system with CTW inverters. The dump load resistance is combined in one box and isolate with the control panel. In the premise of safety, it saves the installation space. Micro Wind Converter and Wind-Solar Hybrid Storage Inverters Micro Converter 1kW/ 2kW.

Are CTW inverters compatible with Aeolos wind turbines?

CTW-1.5-2ks-3ks-3.6ks-5ks Inverters matched with Aeolos 1kW, 2kW, 3kW and 5kW Wind Turbines. They have been passed the Intertek test according to VDE-AR-N 4105:2011-08 and DIN VDE V 0124-100. There is CE certificates which can be grid tied EU countries. This interface is a product for wind grid tied

wind turbines.

How a solar inverter works?

It has two MPPT inputs, one is for wind turbine, and the other is for 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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