

On grid battery inverter Bulgaria

Who sells hypontech photovoltaic inverters in Bulgaria?

Hypontech photovoltaic inverters combine high quality and affordable price. NENCOM is the exclusive representative of Hypontech in Bulgaria. We sell on-grid and hybrid inverters wholesale and retail, we help with settings.

How does a hypontech on-grid inverter work?

The on-grid inverters Hypontech can be configured both to sell all the generated energy to the grid, and for self-consumption at the facility. In the second case, it is needed a smartmeter, and the settings allow to either limit the supply of excess energy to the grid, or allow it, depending on the agreement with the grid operator.

How much power does an inverter use?

The output power on each phase can independently vary from zero to 1/3 of the inverter's rated power. In case of emergency shutdown of the grid, switching to battery operation takes less than 10 ms, providing uninterrupted power supply.

Does a hybrid inverter need a SmartMeter?

Output power in off-grid and emergency operation modes is not limited. When connecting the hybrid inverter to the grid, a smartmeter is not required, since the kit includes measuring current transformers (CT). All Hypontech inverters have a rugged aluminum box with IP65 protection class and a large cooling radiator.

Where can I find a certificate for a TÜV SÜD inverter?

Additionally, in the description of each series of inverters you will find the corresponding certificates. Most of the certificates are issued by TÜV SÜD Product Service GmbH (Germany) and can be checked by the number on the official website of the testing organization.

Battery-Based Grid-Tie Inverter. Hybrid solar systems utilize battery-based grid-tie inverters. These devices combine can draw electrical power to and from battery banks, as well as synchronize with the utility grid.

MIK-GREEN offers variety of On grid and Hybrid inverters, smart EV Chargers and LiFePO4 batteries. The main activity of the company is wholesale trade and distributions of renewable energy solutions in Bulgaria and foreign.

Yes, in a classic on-grid PV system, the inverter really cannot work without a grid, but in our case it is part of the Victron hybrid power plant, and battery inverters form the grid for it. This type of system is called **Micro Grid**.

We can supply any electrical equipment for external connections and implementation of on grid and off grid systems. Despite the significant value, for some cases for which there is no alternative, we will deliver the



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battery you need and make you energy independent.

System Components : 6KW Hybrid Inverter and 5.42KWh Wall Mounted Battery ; Bluesun 10kW off grid solar system in Bulgaria. Project Location : Bulgaria ; Installation Date : November 12, 2023 ; Project Capacity : 10KW ; System Components : 18pcs ...

Web: <https://www.phethulwazi.co.za>

