



BUHLE POWER

48v10kw220v inverter





Overview

Does a 10kW inverter have a programmable timer?

With a programmable timer, the inverter optimizes energy usage by shifting load between peak and off-peak periods. Features four charging modes (Solar Only, Mains Priority, Solar Priority, Hybrid) and two output modes (Utility Bypass and Inverter Output). What split-phase vs single-phase outputs does a 10kW inverter support¹.

Do I need a 12V battery bank for my inverter?

No. The inverter needs 48V, so you need four 12V batteries in series. A 48V 100Ah battery bank (four 12V 100Ah in series) gives about 4.8 kWh of energy, and the actual runtime will vary depending on how many watts you are using. If you want more capacity (longer backup time), you can add more parallel strings of 4.

What batteries can be used in a solar inverter?

The output power and charging power can be prioritized according to actual application needs. The solar inverter supports lithium-ion batteries, LiFePO4 batteries (User Mode), AGM batteries, Gel batteries and Flooded batteries.

How many inverters can be used in a power supply?

Equipped with CAN, USB, and RS485 communication and complete protection against short circuits, over/under voltage, overload, and reverse current. Supports up to 6 inverters in parallel for a combined output of up to 60,000W.



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