

A-Core Container

6kW inverter output voltage



Overview

This transformerless, high-frequency inverter offers split-phase 120/240V output, operating off-grid or with grid input for supplemental charging. Its dual MPPTs support 8kW of solar input with a high 480VDC, minimizing cable size and setup complexity.

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A 6kW solar inverter is the heart of a medium-sized residential solar power system, converting DC electricity from your solar panels into usable AC power for your home. With the ability to generate 400-1,000 kWh monthly, a 6kW system can significantly reduce or eliminate your electricity bills.

The EG4 6000XP All-In-One Off-Grid Inverter is a 48V split-phase inverter/charger, providing powerful and efficient off-grid energy solutions. With an 8kW PV input and 6kW output, it can charge your battery bank while powering devices. It's highly scalable, allowing up to 16 units to be paralleled.

Discover the all-new SNA US 6K inverter, meticulously engineered to cater to the energy independence needs of small households comprising 2-4 individuals. This innovative product boasts a sleek exterior design while incorporating integrated load, generator, battery breakers. Designed with.

Charging Current (A) 90 Max. Discharging Current (A) 90 Max. PV Input Voltage (V) Max. Operating PV Input Current (A) Max. Input Short-Circuit Current (A) Max. Efficiency Max. PV Access Power (W) 7200 Max. PV Input Power (W) 4680 Max. AC Input/Output Apparent Power (VA) 3960 Max. AC Input/Output.

Always match the inverter's voltage with your battery setup. Look at the maximum PV input (kW) — many 6kW inverters can accept 7-8kW of solar panels. Check the MPPT voltage range (often 120V-450V or higher). This determines how you wire your solar panels (series vs parallel). Multiple MPPT

trackers.

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Contact Us

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