

A-Core Container

High frequency charging inverter



Overview

What is a high frequency Bic inverter-charger?

The power gap is bridged with these premium performance, high frequency, bi-directional inverter-chargers. High Frequency Series BIC inverter-chargers are premium performance, high-frequency power products that wed a high wattage true sinewave power inverter with a high amp smart battery charger.

What is a high frequency inverter?

The large majority of inverters available in the retail market are high frequency. They are typically less expensive, have smaller footprints, and have a lower tolerance for industrial loads. HF inverters have over twice the number of components and use multiple, smaller transformers.

What are low frequency inverters used for?

Their application is appropriate for a wide variety of uses like tool battery chargers, small appliances, A/V and computers, but have a decreased capacity for long term exposure to high surge loads like pumps, motors, and some high-torque tools. Our UL-listed, low frequency inverters and inverter/chargers are the pinnacle of electrical durability.

What determines a high or low frequency inverter?

Size and tolerances of the transistors used in the inversion process, and the speed at which they operate determines the classification of high or low frequency. The large majority of inverters available in the retail market are high frequency.

What are HF inverters used for?

HF inverters have over twice the number of components and use multiple, smaller transformers. Their application is appropriate for a wide variety of uses like tool battery chargers, small appliances, A/V and computers, but have a decreased capacity for long term exposure to high surge loads like pumps,

motors, and some high-torque tools.

What is a transformerless solar inverter?

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.

High frequency charging inverter

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.a-core.pl>