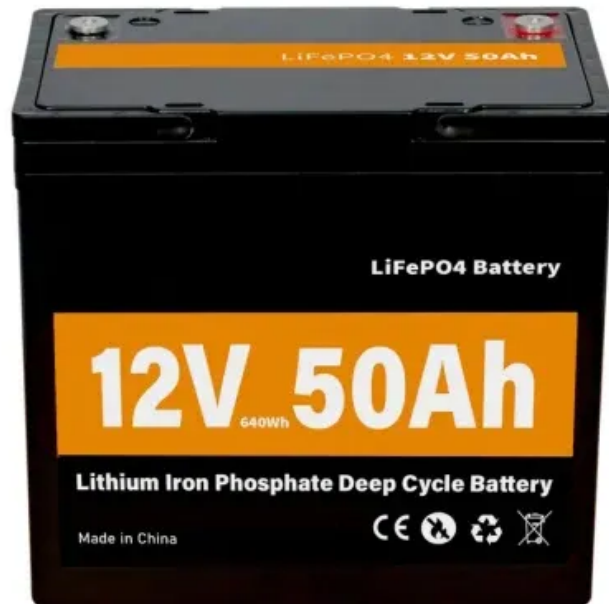


**SolarInnovate Energy Solutions**

# **A00 High Voltage Inverter**



## Overview

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What is a high voltage inverter?

To power motors or other devices, high-voltage inverters convert direct current (DC) from batteries or generators to alternating current (AC). With nominal DC voltage up to 1 kV and maximum power up to 300 kW each, our inverters support a variety of applications including traction drives, grid connections, and island grids.

What is a high voltage dc-ac sine wave inverter?

High voltage DC-AC sine wave inverters accept wide input ranges of 450V to 800Vdc. High frequency PWM technology enables high efficiency, compact construction and low weight. ABSOPULSE has recently added the CSH 500-F6 to its line of high input voltage DC-AC sine wave inverters.

What applications can I use my EC c1200-450 & c1700b-420 inverters for?

With nominal DC voltage up to 1 kV and maximum power up to 300 kW each, our inverters support a variety of applications including traction drives, grid connections, and island grids. For more information, see EC-C1200-450 Data Sheet and EC-C1700B-420 Data Sheet.

What is a 400 volt inverter?

The kit has a nominal input of 400-V DC, and its output is 600 W, which can be fed to the grid. Many fields use this inverter, such as motor control, UPS, and solar inverter systems. The main function of the inverter is to convert the DC power to AC power by using the power electronics like the IGBT and MOSFET.

What are CLV high-performance general-purpose inverters?

CLV high-performance general-purpose inverters are developed on the platform of high-performance vector technology, adopting open-loop vector control algorithm, and supporting both asynchronous motor and permanent magnet (PM) motor control.

What are the different types of inverter systems?

Among the various inverter systems, there are two different types. The first type is the voltage output type, which outputs AC voltage as a voltage source. For example, the inverter in the UPS system is a typical voltage-type inverter. The other type is the current type, which outputs AC current in a specified power factor.

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## Contact Us

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