

SolarTech Power Solutions

4v high voltage inverter



Overview

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 csh 500-f6 inverter?

ABSOPULSE has recently added the CSH 500-F6 to its line of high input voltage DC-AC sine wave inverters. The units use microprocessor controlled, high frequency PWM technology to deliver 500VA pure sinewave output voltage. Other designs in this series include the CSH 300-F6 (300VA) and CSH 400-F6 (400VA).

Which EV traction inverter is best?

For EV traction inverter, more efficiency and right performance are key. While IGBT is ideal for cost-optimized drive-train, SiC demonstrates higher efficiency under WLTP partial load scenario. Infineon offers the best scalability in market between IGBT and SiC, allowing customers to freely choose the technology for their needs.

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.

Are Infineon IGBTs compatible with empower inverters?

market. Infineon's industry-leading discrete IGBTs are compatible with Empower's latest generation inverter in terms of packaging. Together with the

high current density, ultra-low saturation voltage drop and superior parallel performance, Discrete products has increased power density by more than 20%.

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.

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Contact Us

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