

## ContainerPower Energy Solutions

# Universal inverter high power



## Overview

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What is a spectra Universal inverter?

The SPECTRA Universal Inverter brings scalable SiC-based power electronics with open control up to PWM, ensuring flexibility and reliability. It is available in both mobile and control cabinet versions and can be adapted to different setups, making it ideal for versatile drive systems.

What is a high efficiency power inverter?

High efficiency power inverters which use a modified sine wave to power 230V mains equipment from a 24V battery • Designed to work with most modern day lorries or marine power systems that run of a 24V alternator • Over 85% efficiency • Soft start minimise.

What is a high surge power inverter?

- High surge power inverter converts 12V DC to 230V AC • Ideal for cars, trucks, marina and camping applications • Laptops, power tools, pumps, stereos, work lights, TVs, VCRs etc. • Use for emergency power due to storms and blackouts • Single 230V-50Hz 3.

What is a 400V inverter?

The 400V inverter is the brain at the heart of the electric powertrain, it controls the electric motor. It converts Direct Current (DC) from the battery to Alternative Current (AC) to power the electric motor.

What is a SiC MOSFET inverter?

This advanced inverter utilises silicon carbide metal oxide semiconductor field effect transistor (SiC MosFET) technology to provide a wide range of switching frequencies and the ability to emulate a wide range of common traction inverters. We design customized E-Motor and Drive solutions tailored to your exact customer needs.

What is a Valeo 400V inverter?

Valeo inverters are based on a scalable platform able to suit Si or SiC, for 400V & 800V. It is based on a highly standardized hardware and software architecture. What are Valeo 400V inverter benefits?

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