

ContainerPower Energy Solutions

Inverter DC 540V

INTEGRATED DESIGN

EASY TO TRANSPORT AND INSTALL,
FLEXIBLE DEPLOYMENT



Overview

What is variable speed inverter drive?

Variable speed inverter drive is a recent innovation in EV air conditioning compressors. Guchen 66cc 540V e-compressor has an built-in inverter that converts the DC power from the EV's battery to AC power. This AC power is used to drive the BLDC electric motor.

How fast does a 540V DC compressor run?

Its speed can vary from 1000 rpm to 6000 rpm. This means that the compressor can run at a slower speed when the load is low, and it can run at a higher speed when the load is high. This allows the 540V DC compressor to use less energy, extending the cruising range of electric vehicles.

What is gc66a540 DC 540V EV compressor?

GC66A540 DC 540V EV compressor offers a large displacement of 66cc. It's compatible with R1234yf refrigerant, handling cooling capacity up to 14,400w.

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Contact Us

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