
Production of 5v220v inverter

Why is Schaeffler launching a high voltage inverter brick?

With the launch of volume production of the high voltage inverter brick in Tianjin, China, Schaeffler has reached an important milestone in its electrification strategy. This first volume production is for a leading Chinese car manufacturer that is going to equip its new electric vehicle models with ultra-modern inverter brick technology.

What is a Schaeffler inverter subassembly?

The Schaeffler inverter subassembly is the essential power device building block (brick) to control the electric drive via logic signals. This is where the high-frequency current pulses are produced that set the vehicle's electric motor in motion.

Does Schaeffler have an inverter brick?

Schaeffler is currently pressing ahead with the ongoing development of its inverter technology with an even greater degree of integration for future vehicle architecture. The inverter brick is part of Schaeffler's Power Motion product family, and the inverter technology will be showcased at the Schaeffler booth at IAA MOBILITY 2025 in Munich.

What is an inverter and how does it work?

An inverter is an electronic device that converts direct current (DC) into alternating current (AC). The voltage, output voltage, and frequency, among other specifications, depend on the design of the specific inverter or hardware.

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For many years, Schaeffler has been setting standards in motion technology through its pioneering innovations and developments. With the launch of volume production of ...

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