
What is the difference between SIC vs IGBT inverter?
Hybrid switch configuration considfred is 1:4 ratio (1 SiC + 3 IGBTs) Efficiency gain of full SiC Inverter and hybrid switch inverters vs IGBT inverter is from low load to medium load, generating advantages in power systems that operate most of the time below 40% load Hybrid switch inverter shows similar efficiency curve compared to SiC.

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 modelswith ultra-modern inverter brick technology.

Are Infineon IGBTs compatible with empower inverters?
market. Infineon's industry-leading discrete IGBTs are compatiblewith 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 are the performance characteristics of Schaeffler inverter bricks?
The performance characteristics of the inverter brick now being produced are impressive: At customer's request, Schaeffler increased the output of the block by increasing the maximum possible battery voltage to much more than the usual 800 V - and with RMS currents of up to 650 A, which turn the sub-module into a compact power pack.

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applications are built into a small module package, contributing to the miniaturization of applications.

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