

## Kongres Container

# Silicon carbide plus inverter price

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## Overview

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What is a silicon carbide inverter?

Our solution for this challenge?

The 800-Volt Silicon Carbide Inverter for Electrified Vehicles. Viper is the first 800-Volt inverter to use an innovative, double-side cooled silicon carbide (SiC)-based power switch that delivers the higher power densities and efficiencies needed to extend battery range and performance, and reduce costs.

Why should you choose a silicon carbide inverter for electric vehicles?

Studies show the major factors holding consumers back from purchasing a plug-in hybrid (PHEV) or battery electric vehicle (BEV) are battery range, charging convenience and costs. Our solution for this challenge?

The 800-Volt Silicon Carbide Inverter for Electrified Vehicles.

What is the 800-volt silicon carbide inverter for electric vehicles?

The 800-Volt Silicon Carbide Inverter for Electrified Vehicles, with its breakthrough features, is a game-changer for the industry that manufacturers can use to create the compelling buying propositions that lead to greater acceptance and therefore sales for these new means of mobility.

Can a silicon carbide inverter be scaled?

Lastly, the 800-Volt Silicon Carbide Inverter for Electrified Vehicles can be scaled and adapted to lower and higher voltage systems, giving manufacturers much-needed economies of scale managing the multiple voltages and current levels required by PHEVs and BEVs.

What is the price trend of silicon carbide?

Silicon Carbide Price Trend for the First Half of 2023 Asia The price trend of

silicon carbide is dependent on the market activities of silicon dioxide and carbon, as they both serve as feedstock materials.

Will silicon carbide prices remain under pressure in 2025?

According to Procurement Resource, unless demand strengthens significantly or production is curtailed, Silicon Carbide prices may remain under pressure through the second half of 2025. Silicon Carbide Price Trend Analysis for 2024 Asia In the Asia Pacific region, Silicon Carbide prices showed considerable volatility throughout 2024.

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## Contact Us

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