

Title: 200kW Silicon Carbide Inverter

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ZeroAvia, a company specializing in zero-emission aviation, has announced the successful completion of its initial testing campaign for its 200kW continuous ...

This 200kW three-phase inverter demonstrates best-in-class system-level power density and efficiency obtained by using Wolfspeed's new XM3 power module platform.

Wolfspeed's CRD200DA12E-XM is a 200kW three-phase inverter that demonstrates best-in-class system-level power density and efficiency obtained by using our XM3 Silicon Carbide (SiC) power ...

Abstract--This work presents the design and development of a high density 200-kW three-phase inverter for traction applications with elevated DC bus voltage, e.g., up to 1.2 kV. A state-of-the-art six ...

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Key applications include for electric vehicles, solar inverters, wind turbines, UPS, storage and motor drives. Pre-Switch(TM) technology increases eV ...

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This thesis investigates the feasibility of using Silicon Carbide (SiC)-based multiphase inverters (MPIs) for transportation electrification applications.

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