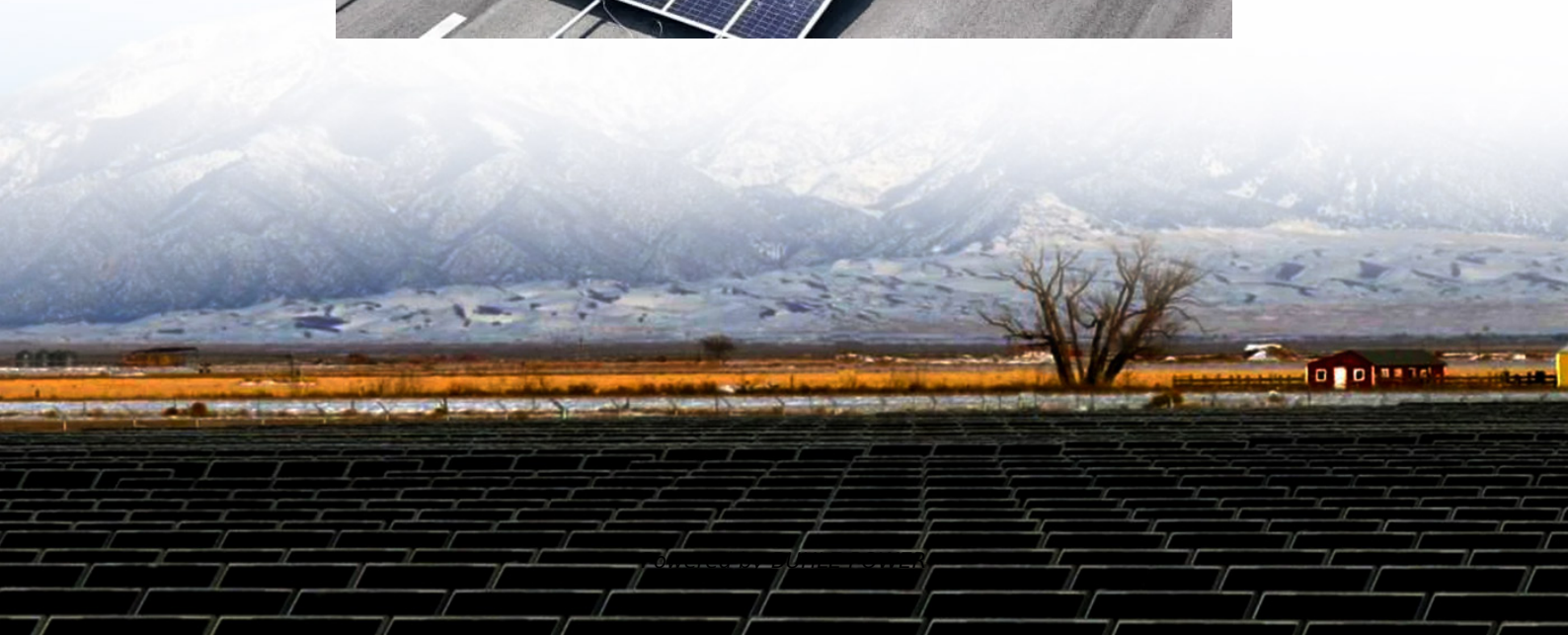


# 300kw motor inverter





## Overview

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What makes Wolfspeed crd300da12e-xm3 a good inverter?

This design features: Specifications Wolfspeed's CRD300DA12E-XM3 300kW Three-Phase Inverter demonstrates best-in-class system-level power density and efficiency obtained by using our Silicon Carbide (SiC) MOSFET XM3 power module platform.

What is a traction inverter?

This reference design is an 800V, 300kW silicon carbide (SiC) based traction inverter developed by Texas Instruments and Wolfspeed®. This design provides a foundation to create a high-performance, high-efficiency traction inverter to help get to market faster. The traction inverter system is a core sub-system of an electric vehicle.

How big is a Texas Instruments inverter?

The inverter measures 279mm × 291mm × 115mm for a total volume of 9.3L and a power density of up to 32.25kW/L which is more than 2 × comparable Silicon (Si) based inverters. This reference design features the following Texas Instruments devices.



## 300kw motor inverter

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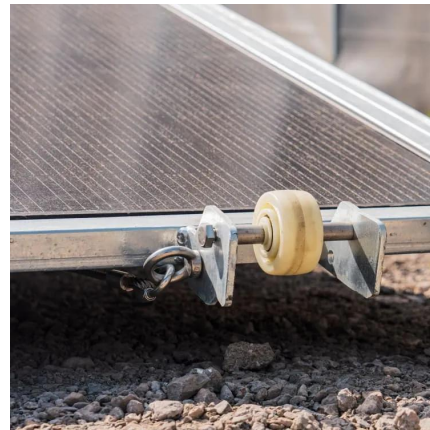


### [Solis 250-350kW Three Phase Grid-Tied ...](#)

Solis' largest three-phase, 1500 VDC PV string inverter has 12 MPPT (250, 300 and 350) or 16 independent MPPTs (350K) options that allow for ...

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### [300 kW Three-Phase Inverter Reference Design](#)

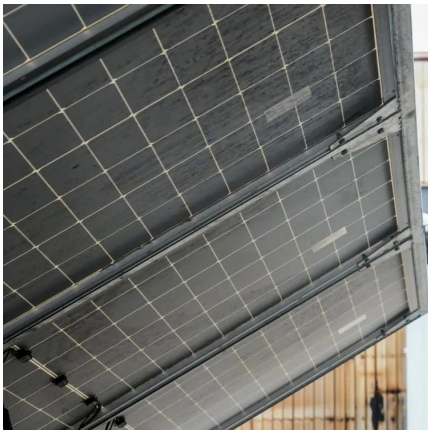
Sep 9, 2021 · The 300 kW three-phase inverter demonstrates system-level power density and efficiency obtained by using Wolfspeed's new XM3 module platform. The XM3 is optimized for ...





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### 300 kW SIC INVERTER Platform

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### SolaX X3-GRAND HV PV Inverter

Dec 1, 2025 · The SolaX X3-GRAND HV MPPT string inverter from SolaX Power is available in multiple models with power ratings of 300kW, 320kW, 333kW, and 350kW. Contact us today!

### 800v Motor Controller , Up to 300kW

Dec 2, 2025 · Inverter Electric Motor eDrive  
Powertrain Wechselrichter Elektromotor eDrive  
Antriebsstrang Motore elettrico Gruppo  
propulsore.



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