

# Damascus power frequency isolation 300kW inverter



## Overview

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□Complete isolation-type inverter technology, noiseless output. □Low output. This 300kW three-phase inverter demonstrates best-in-class system-level power density and efficiency obtained by using Wolfspeed's new XM3 power module platform. The XM3 is optimized for SiC MOSFETs in a high-density, low-inductance footprint, which can reduce system losses and simplify overall design for low-loss. Three visionary companies have joined forces to drive groundbreaking advancements in EV traction technology. It enables over 2x the power density of comparable Si-based designs and >98% efficiency. □Low output harmonic distortion.

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### 300 kW Three-Phase Traction Inverter

TIDM-02014 is an 800-V, 300 kW SiC-based traction inverter system reference design developed by Texas Instruments and Wolfspeed which provides a foundation for design engineers to create high performance, ...

### Wolfspeed - CRD300DA12E-XM3

This 300 kW three-phase inverter demonstrates best-in-class system-level power density and efficiency obtained by using Wolfspeed's new XM3 power module platform.



### 300kw DC to AC Pure Sine Wave off Grid Three Phase Inverter for Solar

SANDI SDP series Pure Sine Wave Inverter is the one of the most advanced technology DC to AC conversion products in the world, it's suitable use for areas without electricity, providing a complete power solution for ...

## CRD300DA12E-XM3 300kW Three-Phase Inverter , Wolfspeed

This 300kW three-phase inverter demonstrates best-in-class system-level power density and efficiency obtained by using Wolfspeed's new XM3 power module platform.



**200kWh  
Battery Cluster**

## SiC Module enables >98% Efficient 300kW Three-Phase Inverter

The three-phase inverter has greater than 2X the power density of comparable Si based designs and greater than 98% efficiency. This reference design includes a high-performance cold plate, optimized ...

## SolaX X3-GRAND HV PV Inverter

Designed for durability, the utility-scale inverter supports operation at altitudes up to 5000 meters and is protected by an IP66-rated enclosure. An automatic tripping switch further enhances safety in harsh outdoor ...



## CRD300DA12E-XM3 Silicon



## Carbide Test/Evaluation Products from ...

The 300kW three-phase inverter demonstrates best-in-class system-level power density and efficiency obtained by using Wolfspeed's new XM3 power module platform. Enables over 2x the power density of comparable Si ...

## 300 kW SiC INVERTER Platform

300 kW SiC-Based Inverter Platform for 800 V Systems This inverter platform enables automotive tier 1s and car manufacturers to evaluate and prototype EV traction systems using the best technology from Silicon ...



Test certification  
CE FC



## 300 kW Three-Phase Inverter Reference Design

The XM3 is optimized for SiC MOSFETs in a high-density, low-inductance footprint, which can reduce system losses and simplify overall design for low-loss, high-frequency operation. The three-phase inverter has greater ...

## 300KW Power Frequency Pure Sine Wave Inverter Off-grid Three Phase

Complete isolation-type inverter

technology, noiseless output. Adoption of advanced SPWM technology, pure sine wave output. Dynamic current loop control technology to ensure inverter reliable operation. Wide DC ...



## **CRD300DA12E-XM3 Silicon Carbide Test/Evaluation Products ...**

The 300kW three-phase inverter demonstrates best-in-class system-level power density and efficiency obtained by using Wolfspeed's new XM3 power module platform. Enables over 2x ...

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