

Title: 270v DC inverter

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How much power does a 270vdc inverter provide?

Modern aircraft are moving towards 270VDC power, yet legacy loads often require 3-phase input power. The GE Aviation Non-Linear Inverter, converts 270 VDC input power into regulated 115 VAC, 400 Hz, three-phase output and is capable of continuously providing 10,000 VA of output power to non-linear type loads.

What is 270 VDC ground power?

FCX Systems precision 270 VDC equipment is the preferred and best power of choice for all 270 VDC applications. Most experienced designer, manufacturer, and supporter of 270 VDC ground power systems. FCX offers 270 VDC for every application, and can meet the high dynamic response required by the F-35 and F-22.

What is a 270vdc power supply?

The 270VDC Power Supply may also be used in conjunction with a 270VDC Uninterruptible Power Supply (UPS) attached to the bus for critical mission equipment affected by AC bus transfers, low voltage sags, and other AC/DC interruptions. This allows utilization equipment to maintain full operational capability and "ride through" these interrupts.

Why is 270vdc a good operating voltage?

This operating voltage provides improved electrical efficiency, drives lower aircraft weight, improves aircraft safety/reliability and provides positive environmental impacts. 270VDC is accomplished by rectifying the traditional 3 phase 115VAC 400Hz line-to-line voltages via typical AC-DC conversion methods that meet requirements of MIL-STD-704.

These rugged inverters are extremely reliable, designed to provide many years of service in high shock, vibration, humidity, and EMI environments. Combining 3 inverters to form a 3 phase power system is ...

Mouser offers inventory, pricing, & datasheets for 270 V DC/DC Converters.

To take full advantage of the BCM's dynamic response, the impedance presented to its input terminals must be low from DC to approximately 5MHz. The connection of the bus converter module to its ...

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GAIA Converter's 270Vdc Power Architectures are designed to meet the requirements of Avionics applications.

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The VPTHVM-270 is an Isolated Regulated Bus Converter Module which allows VPT's DV and VPT Series 28V input DC-DC converters to operate from a nominal 270V DC input. A wide input voltage ...

This operating voltage provides improved electrical efficiency, drives lower aircraft weight, improves aircraft safety/reliability and provides positive environmental impacts. 270VDC is accomplished by ...

SynQor's MINV-270 incorporates field proven high efficiency designs and rugged packaging technologies. This MINV-270 will accept a 270Vdc source as defined by MIL-STD-704 and change it ...

This operating voltage provides improved electrical ...

The M2705 military power supply is a rugged 3 phase AC to DC converter, accepts a 115VAC input range from 103 to 125VAC, 400Hz and provides a single DC output of 270V, up to 1500W, with ...

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