



TDI's Airborne DC/AC Sinewave Inverters are fully compliant to RTCA/DO-160D Environmental and EMI criteria for Instrumentation and Emergency Power applications. These products provide a clean (< 2% THD), regulated 400Hz electrical bus from APU or Battery (DC) power sources. Our internal "air tunnel" cooling technology shields sensitive electrical components from exposure to adverse environmental conditions.

## FEATURES

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- Input: 28Vdc or 270Vdc
- Output: Standard airborne 115Vac, 400Hz, 3 Phase (custom outputs available)
- Power Level: 500VA to 10kVA
- Total Harmonic Distortion (THD) < 2%
- Protection circuitry: Over-voltage, Short circuit, Over current, No load
- Operating Temp -54C to +71C / Non-operating Temp -55C to +85C
- Forced air cooling using internal "air tunnel" technology
- HALT and HASS testing ensures reliability
- Fully compliant to RTCA/DO-160D
- Fully compliant to Boeing D6-44588 and Airbus ABD0100

**TDI-Advanced Conversion Products**  
Robust Systems For Critical Applications