

TRUE BLUE POWER®

A division of Mid-Continent Instrument Co., Inc.



4000W AC-to-AC Frequency Converters

TFC4000 Series

Manufactured by Mid-Continent Instrument Co., Inc.

Quiet the cabin and cut replacement costs with the quietest and most reliable 3-phase frequency converters on the market. The TFC4000 Series AC-to-AC Frequency Converters are the lightest in their power class and easier to install in tight, hard-to-reach spaces.



TFC4000

FAA, EASA, and ANAC STC approved
for Gulfstream GIV-X, GV-SP, and GVI

Product features

OUTPUT POWER	4,000 Watts
INPUT VOLTAGE	115/200 VAC 360 – 800 Hz 3-phase
OUTPUT VOLTAGE	TFC4000 115 VAC, 60 Hz, single phase TFC4002 230 VAC, 50 Hz, single phase
EFFICIENCY	93%
OUTPUT WAVEFORM	Single phase, pure sine wave < 3% total harmonic distortion
POWER FACTOR	-0.8 to +0.8
WEIGHT	18.9 lbs (8.57 kg)
REMOTE ON/OFF	Yes
PROTECTION	Short circuit, under-voltage, over-voltage, overload (up to 150% for 5 minutes, without damage), DC offset
DESIGNED AND MANUFACTURED	Wichita, Kansas, USA
WARRANTY	Two-year limited warranty

The **QUIETEST**

The **LIGHTEST**

The **MOST RELIABLE**

Kansas

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California

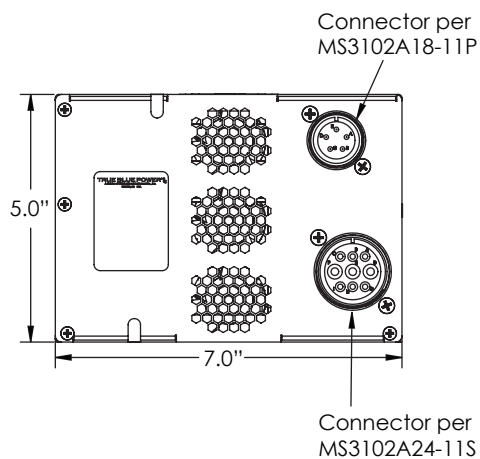
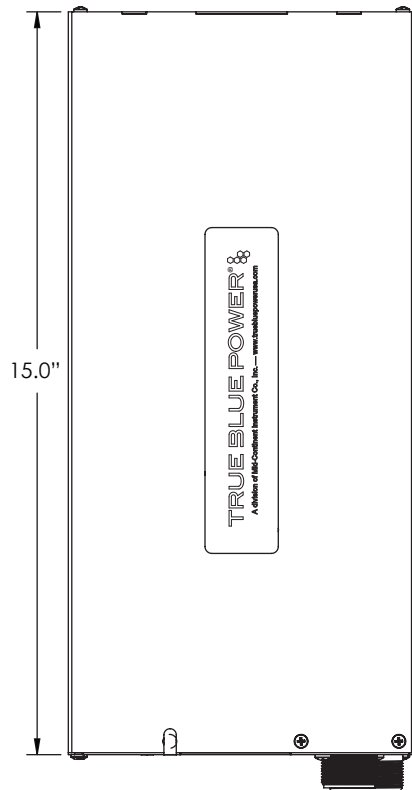
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Technical specifications

INPUT VOLTAGE	115/200 VAC 360 – 800 Hz 3-phase
INPUT PHASE CURRENT	13 A
OUTPUT VOLTAGE	TFC4000 115 VAC, 60 Hz, single phase TFC4002 230 VAC, 50 Hz, single phase
OUTPUT POWER	4,000 watts
WEIGHT	18.9 lbs (8.57 kg)
ALTITUDE	55,000 feet
TEMPERATURE	-40°F to +167°F (-40°C to +75°C)
MATING CONNECTOR	9019110-4, 9019507-2
CASE	Anodized aluminum, blue
CERTIFICATION	FAA PMA approved FAA TSO-C230 RTCA DO-160G