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Behlman announces the expansion of its line of 400 Hz frequency converters to meet the needs of a wider range of military, industrial and commercial applications.

Model FC5003 60 Hz to 400 Hz Frequency Converter -- originally designed to power military CMBRE test sets -- also has unique benefits for industrial manufacturing, testing, servicing and calibrating.

Hauppauge, New York, November 4, 2013 – Behlman Electronics, Inc., known for its leadership in providing power products for military, industrial, and commercial applications, has introduced a new 400 Hz power supply with capabilities beneficial to any markets in which 400 Hz power is used.

About 400 Hz electrical power.

115/200 VAC 400 Hz WYE power generation systems are used on most aircraft. There are a great many electrically powered systems aboard aircraft for which an external 400 Hz power source is required for testing, calibrating and repairing. Everything from radars, sensors, weapon systems, cockpit displays and communications gear, to environmental systems, galley equipment, pumps, motors and entertainment systems operate at 400 Hz.

400 Hz is used on many U.S. Navy ships as well as on land air bases of all the military branches, primarily to service aircraft and avionics. In addition, 400 HZ requirements can be found in spacecraft, submarines, server rooms for computer power, hand-held machine tools and other industrial applications.

Because frequencies as high as 400 Hz are not supplied by the utilities, a frequency converter is required.

About the Behlman FC5003 Frequency Converter

The Behlman FC5003 is an ultra-rugged COTS power supply designed to convert common 120/208 VAC, 3-phase, 60 Hz ground power to 115/200 VAC, 3-phase 400 Hz power used by aircraft and other vehicles, and equipment that require 400 Hz. FC5003 is in a 6U (10.5" high) 19-inch rack mount chassis having an input line cord with a plug, and an output receptacle.

Installed in a vehicle or in a wheeled rack or cart, it can readily be moved as needed to service many different aircraft and systems, thereby eliminating the need to use an aircraft's own 400 Hz generator power. In industrial and manufacturing applications it can be routinely moved close to production lines and test areas to facilitate operations.

According to Behlman President, Ron Storm, "In the FC5003 400 Hz power supply we have a unit that can efficiently serve the needs of many industrial manufacturers, service companies, military missions and commercial aviation. We invite anyone using or needing 400 Hz to request a no-charge consultation with our specialized 400 Hz Electronic Engineering team."

A data sheet for the Behlman FC5003 400 Hz Frequency Converter is immediately available at <http://www.behlman.com/modifiedstd.htm#ground> , along with many other Behlman frequency converters that provide 400 Hz among their multiple outputs.

Behlman Electronics Inc. is a subsidiary of Orbit International Corp., and part of the Orbit Power Group. Behlman manufactures and sells high quality standard, modified standard, custom and COTS power solutions, including AC power supplies, frequency converters, inverters, DC-DC, AC-DC, DC-AC, uninterruptible power supplies, and VPX/VME power supplies.

Orbit International Corp., based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications. The Orbit Electronics Group includes Tulip Design Laboratory, Orbit Instrument, and Integrated Combat Systems.

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