

FOR IMMEDIATE RELEASE

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Behlman announces another Reconfiguration Program success that solves the VPX AC-to-DC Power Supply, 3-phase versus 1-phase, input power problem.

New 6U VPXtra™1500CS3 power supply uses 1-phase AC power to deliver all of the performance and benefits of the Behlman 3-phase VPXtra™1500CS.

Hauppauge, New York, USA, October 3, 2016 – Behlman Electronics Inc., is known for its leadership in providing power products for industrial and commercial applications, as well as for military shipboard, airborne and mobile programs. Working within its new VPXtra™ Reconfiguration Program, Behlman has created the VPXtra™1500CS3 to support high-end industrial and military applications where only single-phase AC power is available.

Now users can choose either the Behlman VPXtra™1500CS for applications powered by a 3-phase AC power source, or the new Behlman VPXtra™1500CS3 for applications powered by 1-phase AC power source.

Both units are VITA 62, Open VPX compliant 6U front-end modules that deliver 1500 Watts of 33 VDC power, and have input current harmonics that comply with MIL-STD-461 (CE101) and MIL-STD-1399. In addition, these front-end modules have no minimum load requirement and have over-voltage and short-circuit protection, as well as over-current and thermal protection.

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According to Behlman President, Ron Storm, *“When we introduce the Behlman VPXtra™1500CS in 2014, we knew we had a winner, because it was the first system of*

its kind that converted both local three-phase AC and aircraft three-phase AC to the highly regulated DC output needed for mission-critical airborne, shipboard, vehicle and mobile applications. The popularity of the VPXtra™1500CS quickly lead to requests for a single-phase version that would provide essentially the same performance and benefits. Now, our recently launched VPXtra™ Reconfiguration Program has made it possible to deliver the Behlman VPXtra™1500CS3.”

THE DIFFERENCES BETWEEN UNITS

VPXtra™1500CS is Power Factor Corrected and can be powered from 3-phase 115/200 VAC, 60Hz utility ground power, 400Hz aircraft power, or 115 VAC, 3-phase, Delta shipboard power. The new VPXtra™1500CS3 is also Power Factor Corrected, and accepts from 85-265 VAC, 47-440Hz input, which assures compatibility with standard US or aircraft single-phase power as well as 220, 230 or 240 VAC Euro power at 50Hz.

Complete specifications are immediately available at http://www.behlman.com/products_detail/vpx-power-supply.

ABOUT BEHLMAN ELECTRONICS

Behlman Electronics Inc., (www.behlman.com), a subsidiary of Orbit International Corp., 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, the VPXtra® line of VPX/VME Power Supplies, and the IQCM Intelligent Chassis Manager.

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. Other subsidiaries and divisions include Orbit Instrument, Tulip Development Laboratory, and Integrated Combat Systems, all of which are members of the Orbit Electronics Group.

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In 2014 Behlman introduced its VPXtra™1500CS to provide 1500 watts of highly regulated DC power from a 3-phase AC source.



In September 2016 Behlman reconfigured the VPXtra™1500CS, to create the new VPXtra™1500CS3, which provide 1500 watts of highly regulated DC power from a 1-phase AC source.