Behlman VPXtra™ 1000CM Power Supplies provide five outputs up to 600 watts in a 6U VPX compatible unit.

Behlman’s Card Edge Conduction Xtra-Cooling™ raises the power bar up to 1000 watts for VPX design engineers.

Hauppauge, NY, September 24, 2012 — Behlman Electronics Inc., known for its leadership in power products for military, industrial, and commercial applications, has introduced a new COTS power supply designed to support the rigors of mission critical airborne, shipboard, vehicle and mobile VPX applications as well as high-end industrial applications.

The Behlman VPXtra™ 1000CM COTS DC to DC power supply is a rugged, highly reliable, conduction cooled, switch mode unit. It is a VITA 62, Open VPX compliant, 6U, power supply that delivers 600 Watts of DC power via five outputs, and its 12 volt output can be paralleled for higher power and redundancy.

The VPXtra™ 1000CM accept wide-range 28 VDC input, IAW MIL-STD-704, and supplies high power DC outputs of 12 VDC @ 40 A, 5 VDC @ 24 A and three auxiliary outputs of 3.3 VDC @ 15 A, -12VDC @ 2 A, and +12 VDC@ 1 A. It has no minimum load requirement and has overvoltage and short circuit protection as well as over current and thermal protection.

Using the same card edge conduction cooling as the VPXtra™ 1000CM, Behlman has also introduced the VPXtra™ 1000CD power supply. It is a dual output DC-DC COTS unit that accepts wide range 28 VDC input and delivers up to 1000 watts of clean, regulated 12 VDC power and 3.3 VDC auxiliary power.

To accomplish these engineering feats, Behlman developed a new engineering standard that successfully cools its high-density VPX-compliant power supplies. The use of Behlman’s proprietary Xtra-Cooling™ technology, Xtra-Reliable™ design, and Xtra-Rugged™ construction, makes both the Behlman VPXtra™ 1000CM and VPXtra™ 1000CD outstanding VPX solutions for those needed higher power and up to five outputs.

MORE
Delivery of either unit is approximately 12 weeks after order and prices range from $4,295 to $3,865 for the VPXtra™ 1000CM, and $5,495 to $4,945 for the VPXtra™ 1000CD, depending on quantities.

Complete specifications and data sheets for VPXtra™ Power Supplies are immediately available at www.behrmanvpx.com.

ABOUT BEHLMAN
Behlman Electronics Inc., a subsidiary of Orbit International Corp. is known for its leadership in power products for military, industrial, and commercial applications; 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 the highest output 6U VPX power supplies available today.

Orbit International Corp., (www.orbitintl.com), based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications.

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