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Behlman announces availability of a reference guide for design engineers that need to have VPXtra™ information at hand to answer their most pressing questions.

Designed to make it easier to achieve greater success when designing VPX products and systems.

Hauppauge, New York, October 28, 2013 – Behlman Electronics, Inc., known for its leadership in breaking through the previous 400-watt VPX power ceiling to enable VPX product and system designers to utilize up to 1000 watts of output power from a 6U single slot supply, has announce another breakthrough that will help VPX engineers achieve their design goals faster, easier, more efficiently and more economically.

Behlman's VPXtra™ 1000CD and VPXtra™ 1000CM "Expanded" Data Sheets provide a combined total of 27-pages of detailed text, charts and diagramed information about features, benefits, overviews, and specific technical data for the range of Behlman VPXtra™ 6U single slot power solutions.

Technical data includes such details as Absolute Minimum Ratings; Input Characteristics: Output Characteristic for each Voltage/Amp combination; General Characteristics; Controls and Signals (per VITA 62); Output Power Status vs. Input Power and Control Signals; Indicators; Output Turn-on Delays; Load Transient Response; Efficiency vs. Load for Minimum, Nominal and Maximum Input Voltage; Power Dissipation vs. Load for Minimum, Nominal and Maximum Input Voltage; Maximum Output Power vs. Input Voltage (71° C card Edge Temperature); Input Current vs. Input Voltage at maximum Output Loads; Paralleling Options; MIL-STD-461 and CE-102 Test Results; Connector Charts and Diagrams; and Complete Product Diagrams.

These Expanded Data Sheets ensure that design engineers will have the answers at hand for virtually every VPXtra™ question likely to pop up during the design process, thereby enabling engineers to move forward more quickly.

According to Behlman President, Ron Storm, *"When we broke through the 400 Watt VPX power ceiling in 2012, our telephone started ringing off the hook, as engineers clamored to gain the knowledge that would give them design capabilities up to 1000 watts in a single 6U rack slot. As the Behlman VPXtra series of VITA 62 compliant power supplies continues to gain enormous popularity, the need for comprehensive reference documents became undeniable. We now make this available, as a service to the VPX community."*

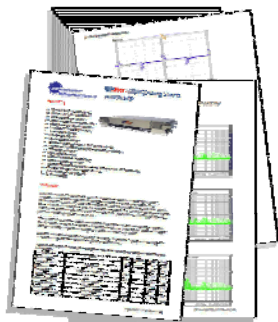
Behlman VPXtra™ Expanded Data Sheets are available three ways:

1. Download as a PDF at http://www.behlman.com/vpx_vme.html#vpx
2. Via email to sales@behlman.com. Include name, address, company, title, phone number and email address, and request the Data Sheets.
3. Telephone Behlman toll free at 800 874-6727 or 631 435-0410, and request a hard copy.

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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Behlman VPXtra™ 1000CD Power Supply

The Behlman VPXtra™ 1000CD COTS Power Supply is single-slot 6U in size, and Open VPX compliant to ensure VPX rack compatibility. It delivers up to 1000 watts of clean, regulated 12 VDC power and 3.3 VDC auxiliary power with a typical efficiency of 90%, from wide-range 28 VDC input.



Behlman VPXtra™ 1000CM Power Supply

The Behlman VPXtra™ 1000CM COTS Power Supply is single-slot 6U in size, and OpenVPX compliant to ensure VPX rack compatibility. It delivers 700 Watts of DC power via five outputs, and its 12 volt output can be paralleled for higher power and efficiency.