



## FOR IMMEDIATE RELEASE

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### **Behlman announces the reconfigured Open VPX VITA 62 compatible 3U VPXtra™ 500M1 Power Supply, and the VPXtra™ Reconfiguration Program.**

*Now, VPXtra™ 3U and 6U power supplies can be reconfigured without full-custom cost, to give system designers greater flexibility, improved system performance, and lower total cost.*

Hauppauge, New York, USA, September 6, 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 modified the VPXtra™ 500M to create the new VPXtra™ 500M1, with 80 amps of 5 VDC output. This unit, in conjunction with the standard VPXtra 500M, can supply 120 Amps of 5 VDC along with the customer-required 12 VDC and 3.3 VDC.

Complete specifications are available at

[http://www.behlman.com/uploads/prod\\_pdf/29\\_VPXtra500M1\\_SS\\_03\\_JUN\\_2016.pdf](http://www.behlman.com/uploads/prod_pdf/29_VPXtra500M1_SS_03_JUN_2016.pdf)

In 2012, Behlman broke through the VPX power ceiling. That raised the bar higher than ever before, for the amount of power available in a single VPX power supply.

In 2015, Behlman broke through the VPX power intelligence ceiling. That enabled lower-cost creation of smarter systems having communication, measurement and control capability provided by the power supply.

Now, in 2016, Behlman has broken through the VPX power supply reconfiguration ceiling, enabling designers to specify – and receive – unique configurations that exactly meet their needs.

According to Behlman President, Ron Storm, *“We listened to what many customers told us about their inability to maximize system performance using only standard VPX power products. As a result, we embarked on an ambitious reconfiguration program that lets design engineers ‘have it their way.’*

Today, Behlman conducts conferences with concerned system designers, in which they specify and discuss their typical and non-typical VPX power supply requirements, which can vary significantly from system to system. Variables can run from different power levels of the standard voltages, to mechanical configurations, such as connectors, user-defined pins, and general interfaces. EMI filtering and hold-up requirements, as well as transient and lightning protection are other possible considerations. All-in-all, it turns out that industry standards set for VPX power supplies do not always satisfy the needs of systems requiring VPX power supplies.

The new Behlman VPXtra™ Reconfiguration Program is designed to address all these needs, and more. This program has already resulted in an impressive list of new, non-typical, COTS VPX power supply models (3U 3-phase AC to DC; High Voltage Hold-up card, Low Voltage Hold-up card; PS with extra 5 VDC, 6U 3-phase and single-phase AC to DC, PS with extra 12 VDC, PS with extra 5 VDC). But that is only the beginning. Behlman now invites all system designer to request additional system-specific VPXtra™ reconfigurations, without the cost of full-custom development.

A list with highlights of 14 presently available 3U and 6U standard and non-standard reconfigured VPXtra™ Power Supplies is available upon request, by sending an email to [sales@behlman.com](mailto:sales@behlman.com). Some of these are so new that data and spec sheets are not yet published, but data and spec sheets for many can already be downloaded at

[http://www.behlman.com/products\\_detail/vpx-power-supply](http://www.behlman.com/products_detail/vpx-power-supply)

Behlman Electronics Inc., ([www.behlman.com](http://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.

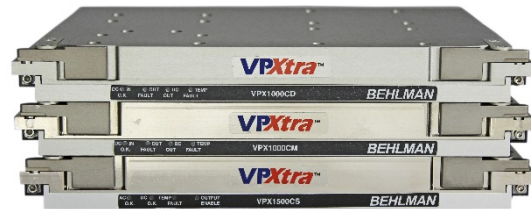
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The new Behlman 3U VPXtra™ 500M1 Power Supply resulted from the VPXtra™ 500M being reconfigured to meet unique system specifications.



Behlman 6U VPXtra™ IQ Power Supplies add communication, measurement and control capability to systems.



In 2012, Behlman VPXtra™ Power Supplies raised the bar for the amount of power available in a single 6U VPX power supply.