



Power Your Critical Mission Today.

# News Release

## **FOR IMMEDIATE RELEASE**

Contact: Michelle Manson  
MMC Marketing & PR  
425.353.3010  
[press@vpt-inc.com](mailto:press@vpt-inc.com)  
Twitter: @VPTnews

## **VPT Offers New DC-DC Converter with Parallel Capability**

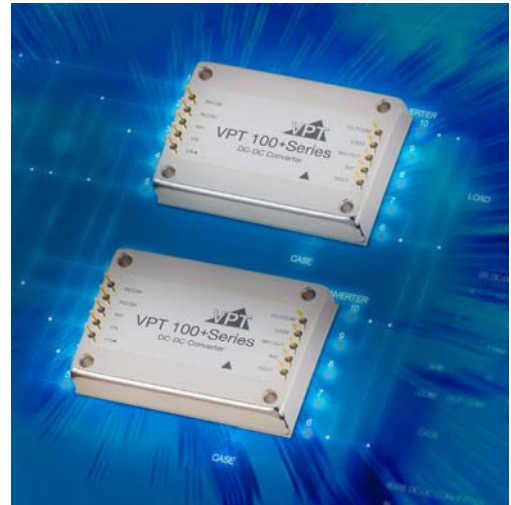
***Create high power military and avionics systems quickly and easily***

**BLACKSBURG, VA, October 20, 2009** -- VPT Inc., a HEICO company (NYSE:HEI.A) (NYSE:HEI) and the innovative leader in providing power handling products for avionics and other high reliability applications, today introduced a new DC-DC converter module: the [VPT100+ 2800 Series](#). With up to 100W of output power per unit, this new commercial-off-the-shelf (COTS) converter offers parallel operation of up to five units to enable the fast, easy, affordable creation of high power systems.

“We’ve taken our mission proven technology and added a critical parallel function,” explained Michael J. Bosmann, Senior Vice President of Sales and Marketing for VPT. “The VPT100+ Series converters are available off-the-shelf, enabling an engineer to create a power system of hundreds of watts, using reliable, available components, while saving both cost and lengthy design time. In addition, this module serves as an important building block for the custom power assemblies that VPT provides for those customers who prefer a complete power system solution.”

A wide input voltage range accommodates MIL-STD-704 input power requirements for avionics and other high reliability applications. Extremely efficient in a tiny, quarter brick size, the VPT100+ saves valuable space and weight in a power system. The product features include:

- Up to 100W output power per unit



The VPT100+ 2800 Series DC-DC converter offers parallel operation for the fast, easy, affordable creation of high power systems.

- Single outputs versions of 3.3V, 5V, 7V, 12V, 15V and 28V
- Dual output versions of +/-12V and +/-15V
- Very high efficiency – up to 91%
- Very low output noise
- Wide input voltage range: 16 to 40 Volts per MIL-STD-704
- Manufactured to J-STD-001, ISO9001, and IPC-A-610
- Operation over a wide -55°C to +100°C STANDARD
- Output voltage trim up +10% or down -20%
- Six-sided metal cases for improved EMI performance and mechanical/environmental performance
- Magnetic Feedback for ultimate reliability
- Undervoltage lockout
- Indefinite short circuit protection
- Current limit protection
- High input transient voltage: 50 Volts for 1 sec
- Environmental screening including a 96 hour burn-in, 100% electrical testing, and temperature cycling testing STANDARD
- Meets MIL-STD-461C/D/E conducted emissions requirements when used with a VPTF Series EMI filter

New units are typically available in a short lead time. Units are priced at \$183.79 each at OEM quantities.

Complete technical details are available at <http://www.vpt-inc.com/Products/?prod=69>. For further information, contact VPT at (425) 353-3010.

### **About VPT and HEICO**

VPT, Inc., part of the HEICO Electronic Technologies Group, leads the industry in providing innovative DC-DC converters, EMI filters, and custom engineering services for avionics, military, and space applications. VPT can deliver its patented power solutions in a fast timeframe, with certified quality, at a comfortable cost. Every day, organizations like NASA, Lockheed Martin, Boeing, Raytheon, the United States Air Force, and many more depend on quality solutions from VPT to power critical systems. Whether on the ground, in the air, or beyond, VPT provides the power driving critical missions today.

HEICO Corporation (NYSE:HEI.A) (NYSE:HEI) is engaged primarily in certain niche segments of the aviation, defense, space and electronics industries through its Hollywood, FL-based HEICO Aerospace Holdings Corp. subsidiary and its Miami, FL-based HEICO Electronic Technologies Corp. subsidiary. HEICO's customers include a majority of the world's airlines and airmotives as well as numerous defense and space contractors and military agencies worldwide in addition to medical, telecommunication and electronic equipment manufacturers. For more information about HEICO, please visit the web site at <http://www.heico.com>.

# # #