



News Release

FOR IMMEDIATE RELEASE

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VPT Introduces Line Conditioning Module For Military DC-DC Power Systems

*New Module Protects Power Systems from Transient Voltages,
Ensuring Smooth, Consistent Power through Harsh Conditions*

BLACKSBURG, VA, October 1, 2007 - VPT Inc., the innovative leader in providing power handling products, introduced a new pre-conditioning power module today. The new VPTPCM-12 Series works within a DC-DC power system to suppress transient voltages and create a smooth, reliable power output of up to 120 watts.

As part of the VPT Series of DC-DC converters, the VPTPCM-12 offers a high reliability COTS power solution designed for rugged military and avionics applications. "The eight to 40 volt steady state input range ensures that this single product protects power systems as required under the Department of Defense's requirements of MIL-STD-1275 for vehicles and MIL-STD-704 for avionics," said Michael J. Bosmann, Senior Vice President of Sales and Marketing for VPT. "For example, in a critical application such as a military tank, the VPTPCM-12 pre-conditioning module helps protect against power spikes or dropouts. This ensures that devices, such as optical systems, stay up and running to protect lives in battlefield conditions."

The VPTPCM-12 is available off the shelf and features:

- Continual operation with input down to 6V per MIL-STD-1275
- A wide input range that provides dual nominal input voltages (12V and 28V) to satisfy both MIL-STD-1275 and MIL-STD-704 requirements
- Transient suppression up to 600Vdc
- Up to 120W output power from a single unit
- Operation over a wide temperature range of -55°C to +100°C with no power derating
- High efficiency, up to 99%

- Six-sided metal case intended for rugged environments
- Space-saving size – just 2.350" x 1.550" x 0.465", 90g

Complete technical details are available on www.vpt-inc.com. VPT's new VPTPCM-12 is immediately available and can be ordered directly from VPT in North America or through its network of sales distributors in South American, Europe, Africa, and Asia. The cost is \$269.00 per unit in OEM quantities.

For further information, contact VPT at (425) 353-3010.

About VPT

VPT, Inc. leads the industry in providing innovative DC-DC converters, EMI filters, and custom engineering services for avionics, military, and space applications. VPT delivers its patented power solutions in a fast timeframe, with the highest 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.

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