

October 2008 Ref.: MPS334A

Murata Power Solutions

www.murata-ps.com

Electronica 2008, November 11th -14th, Hall B2, Stand 431

News Release

High power density CompactPCI™ power supplies deliver full power across temperature range with high efficiency



- *200W & 300W AC/DC and DC/DC power supplies in 3U form factors*
- *Continuous full power operation across -5°C to +55°C temperature range*
- *Leading power density of 8.5W/cu. in.*
- *Efficiency levels in excess of 80%*

Murata Power Solutions has introduced three new PICMG 2.11 compliant CompactPCI™ high reliability power supplies. The cPCI-A-3U-300C, cPCI-

A-3U 200C AC/DC power supplies and the cPCI-D-3U-300C DC/DC power supply are all housed in industry standard 3Ux8HP enclosures and are capable of delivering continuous full power across their -5°C to +55°C operating temperature range with airflows as low as 250lfm. All three models have efficiency levels in excess of 80%, are hot-swap capable and require no minimum load. Power density is 8.5W/cu.in.

The cPCI-A-3U-300C (300W) and cPCI-A-3U-200C (200W) have a wide input of voltage range of between 90VAC and 264VAC; the cPCI-D-3U-300C (300W) accepts 36 to 72VDC. Wide ranging input voltages combined with safety agency approvals to UL60950 and EN60950, EMI compliance to Class B FCC and EN55022 standards, make the new power supplies ideal for use in globally deployed systems in applications such as networking & telecoms, industrial, test & measurement and medical. All offer the standard CompactPCI output voltages of 3.3V, 5V, 12V and -12V. The use of two converters operating in parallel for the 3.3V and 5V outputs enables maximum current draw on the two outputs simultaneously.

Additional features of the new power supplies include active power factor correction to EN61000-3-2, remote sense compensation, unit enable control, output inhibit control, output fault signal, and thermal warning signal. LEDs provide visual indication of input power presence and output fault detection.

All three models are fully RoHS compliant and can be supplied modified to suit specific customer requirements.

Ends

About Murata Power Solutions

Murata Power Solutions (www.murata-ps.com) is headquartered in Mansfield, Massachusetts, with over 1,300 employees, and locations in the USA, Canada, England, France, Germany, Singapore, Japan and China. Murata Power Solutions designs, manufactures and distributes DC/DC Converters, AC/DC Power Supplies, Magnetics, Data Acquisition devices and Panel Meters, and offers these products in custom, standard and modified-standard variations. These products, which are built to exacting requirements in ISO9000:2000-approved facilities, are

typically used worldwide within telecommunications, computing, industrial and other high-tech applications.

About Murata

Based in Kyoto Japan, Murata Manufacturing Company Ltd is one of the world's leading providers of ceramic based components, sensors, and AC/DC and DC/DC power solutions. Founded in 1950, the company has over 34,000 employees worldwide, and over \$6.3 billion US in consolidated annual sales (as of March 31, 2008). Everywhere in the world, wherever you can reach, Murata's electronic components are always at work.

Contact:

John Sutherby, Marketing Communications Department
Telephone: +1-508-339-3000 x 117

Issued by/more information from:

Simon Krelle, Pinnacle Marketing Communications Ltd
Tel: +44 (0) 7973 821036 Fax: +44 (0) 20 868 4373.
E-mail: simonk@pinnaclemarcom.com
Web: www.pinnacle-marketing.com

October 2008 Ref. MPS334/A