

Power supply allows users to develop higher-density systems



Digital Power's Compact Peripheral Component Interface (CompactPCI) series represent AC-DC and DC-DC power supplies delivering up to 600Watt of continuous power.

Digital Power Compact PCI product family designs to use for both commercial and military markets, have advanced status and control functions including remote inhibit, output fail alarm, over temperature warning, output remote sense, single wire current share and front panel LEDs indicate outputs OK and any fault condition. The Compact PCI product family is fully compliant with the PICMG 2.11 power interface specification including hot-swap, N+1 redundant connection and active load current share.

These CompactPCI power supplies incorporate active power factor correction, an 85 - 264VAC universal AC input voltage or DC input covering a range from 36 -72VDC Standard output voltages are 5V/70A +3.3V/70A +12V/7A -12V/1.5A and custom variants are possible. All models have a monitor and control (M&C) system based on an intelligent I²C bus providing comprehensive remote status monitoring and control functionalities

Full international safety agency approvals are held including UL/cUL60950, EN60950, CE Mark (LVD) and EN55022 Level B (with external filter). Operating temperature range is -40C to +85°C with cooling requirements are 300LFM of airflow and MTBF is calculated as >400,000 Hours per Belcore 332 issue 6. Digital Power CompactPCI products are suitable for industrial, communications, broadcast and advanced multi-media applications. "We are finding new designs in communications, broadcast and advanced multimedia applications that require

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increasing amounts of power, which until now has meant using multiple power supplies connected in parallel, said Amos Kohn, President and CEO of Digital Power Corporation.

“By delivering 600W in the standard Compact PCI package users can free up more rack space for revenue-earning electronics”, Mr. Kohn added.

The Digital Power Compact PCI 600 Watt product line range is RoHS compliant and features a rugged construction standard COTS version is available including but not limited with the following certifications: MIL-STD-202 Method 204D & 213, MIL-STD-810F, Method 508.8, ANSI NCSL Z540-1, ISO 17025:2008

It also offers advanced status and control functions including remote inhibit, output fail alarm, over-temperature warning, output remote sense, single-wire current share and front-panel LEDs that indicate outputs OK and any fault condition.

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