



AXIOMATIC TECHNOLOGIES CORPORATION OFFERS CLEAN, REGULATED 12V, 24V or 48VDC POWER IN A RUGGED PACKAGE TO INTERFACE TO ACCESSORY OR MAIN LOADS FROM 24V BATTERY POWER



Toronto, Canada --- March 4, 2004 --- Axiomatic Technologies Corporation announced today the release of two new high efficiency power converters (an isolated 24-12V DC converter and an isolated 24-48V DC converter) to complement our Power Product line. These converters are part of a growing family of compact rugged DC-DC converters

packaged for harsh operating environments. Applications include powering auxiliary electrical systems, computer terminals and communication equipment on electric vehicles, off-highway equipment, trucks, buses, marine and power generator sets. And 48VDC converters are available for telecommunications.

- Safe with input and output di-electric isolation
- Switch mode operation delivers high efficiency >90%
- Input operating voltage from 20 to 32 VDC (24 VDC nominal)
- Rugged surge and transient suppression as well as reverse polarity protection
- Conditioned output of 12 VDC or 48VDC with low ripple
- Regulated output ensures voltage drops from a battery power source does not affect auxiliary power systems (dim lights for example)
- Current output of 5A nominal
- Short circuit protection, sustained over/under voltage protection
- Multiple units can be operated in parallel for a greater output capability
- Inverse output achieved by a simple connection change
- Design manages heat dissipation avoiding forced cooling leading to better reliability
- Fully sealed and potted in an enclosure to protect against moisture, shock and vibration (IP67)
- Operational from -40 to 70°C
- Compact size for ease of mounting in confined spaces
- Low emissions

The Axiomatic family of DC converters includes the following models.

- 72VDC to 48VDC, 36VDC, 24VDC or 12VDC, 250 Watts
- 48VDC to 24VDC, 312 Watts
- 48VDC to 12VDC, 180 Watts
- **24VDC to 48 VDC, 240 Watts, Isolated (NEW)**
- 24VDC to 24VDC, 120 Watts, Isolated
- **24VDC to 12VDC, 60 Watts, Isolated (NEW)**
- 12VDC to 24VDC, 120 Watts, Isolated
- OEM versions available

Axiomatic is based in Toronto, Canada and Tampere, Finland. We design and manufacture electro-hydraulic controllers for the fluid power industry and navigation systems, CAN networked controls, DC power converters and DC motor controls for off-highway equipment, marine, mining and military applications.

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Axiomatic is exhibiting at BAUMA on March 29-April 4, 2004 in Munich Germany, Hall A3, Booth 557/658.

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