

PRESS RELEASE

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Manage 110V/96V/72Vdc battery power to 24V or 12V sensitive electronic devices using the rugged Axiomatic AX083201 or AX083301 DC/DC Converter.

Features:

- 110V, 96V or 72Vdc nominal input
- Wide input voltage range (20V to 137V, some derating of output regulation for input less than 42V)
- 24Vdc, 240 Watts output or 12Vdc, 240 Watts output
- Isolated
- Optional Enable signal
- Typical efficiency of 92%
- Input inrush current limit
- Thermal protection for over temperature
- Reverse battery, over and under-voltage protection
- Short circuit and overcurrent protection
- -40 to 85 °C (-40 to 185 °F) operating temperature with some derating
- 1 6-pin connector
- Can be used in a current sharing configuration
- Redundancy for parallel application
- EMI/EMC compliant
- Suitable for high vibration, high shock environments
- IP67 protection



Applications:

- Mining vehicles
- Railway Rolling Stock
- Off-highway vehicles
- Oilfield services equipment

Axiomatic designs and manufactures electronic machine controls, power converters, gateways and motor controls for the off-highway, mining, on-highway, bus, electric vehicle, rail, power generation, material handling, industrial and alternate energy markets. We provide efficient, innovative solutions that focus on adding value for our customers. We emphasize service and partnership with our customers, suppliers, and employees to build long term relationships and mutual trust.

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