

PRESS RELEASE

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Axiomatic releases a battery charger for efficient 12 or 24V battery charging on off-highway equipment and other harsh environments. The AX090000 battery charger features:

- Fully sealed with a rugged IP67 corrosion resistant packaging
- CAN (SAE J1939) or CANopen
- High efficiency operation
- Charges a 24V or 12V lead-acid battery
- Maximum output power of 300 W (30V / 10A) with reverse battery protection
- Compact size for easy mounting on a vehicle
- Managed heat dissipation so no fan cooling is required
- Wide ranging operation from 95 to 260 VAC, 45/65 Hz with power factor correction
- Microprocessor controlled (standard software or application-specific charging profiles for OEMs)
- Battery charging without operator involvement
- Configurable for battery optimization
- User defined control I/O (2 digital) could be used for a safety interlock to permit connection to an external relay tied to vehicle ignition
- Monitors a remote battery temperature sensor for safe operation and prevention of battery overheating
- Transmits battery voltage and charge current over CAN bus
- Error mode shutdown
- Precharge, Bulk, Constant Voltage, Float and Equalize charge modes
- Automatic start/stop in Float mode to compensate for discharge and prevent overcharging
- Permits load connection to battery (after fully charged) with float charge mode enabled
- LED indicator for status of operation
- Suitable for moist, high shock and vibration environments
- Operational from -40 to +85 degrees C
- RS-232 interface to PC or laptop for user configuration and diagnostics



AX090000 Battery Charger

Applications:

Off-highway Vehicles, Lift Equipment, Power Generation, Boats, Recreational Vehicles, Electric Vehicles, Fleet and Utility Vehicles, Emergency Vehicles

Axiomatic operates in Mississauga (Toronto), Canada and Tampere, Finland. As an integrated ISO9001:2000 engineering design and manufacturing firm, our mission is to provide advanced electronic controls for mobile, marine, mining, military and industrial equipment OEM's.

Visit Axiomatic at Intermat 2006, Booth# 5a D 081 in Paris, France, April 24-29, 2006.

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