

PRESS RELEASE

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Axiomatic showcases its range of 24Vdc Isolated Power Converters, with nameplate ratings between 18W to 500W, housed in rugged enclosures suitable for harsh environments.

Axiomatic's 24V DC-DC Converters provide clean power suitable for communication, instrumentation and control, process, and other power-sensitive equipment.

The AX081530, AX080900, AX081100B, and AX082320 convert voltage in the range of 9 to 36 Vdc from a battery or other source to 24 Vdc output. The AX081200 operates from 13 to 36 Vdc. Their nominal nameplate ratings vary between 18 W and 500 W depending on the model.

The devices are designed with rugged surge and transient suppression. Over and under-voltage protection and inrush current control are provided. Inputs and outputs are isolated.

Their IP67-rated enclosures are fully sealed to protect against dirt, humidity, shock, and vibration for operation under the most harsh and demanding conditions.



Our 24V to 24V Converters include the following models. Please click the part numbers to visit their respective product pages and see detailed specifications.

- i. [AX081200](#), 24Vdc/24Vdc, 500W Isolated Converter
- ii. [AX081530](#), 24Vdc/24Vdc Converter, 10A, Isolated
- iii. [AX080900](#), 24Vdc/24Vdc Converter, 120W, Isolated
- iv. [AX081100B](#), 24Vdc/24Vdc Converter, 72W, Isolated
- v. [AX082320](#), 24Vdc/24Vdc, 18W, Isolated Power Converter

A brief comparison of these five converter models is presented in the table below.

	AX081200	AX081530	AX080900	AX081100B	AX082320
Output Power (W)	500	240	125	72	18
Typical Efficiency (%)	91	91	91	92	87
Nominal Input Voltage (Vdc)	24	12 or 24	12 or 24	12 or 24	12 or 24
Input Voltage Range (Vdc)	13 to 36	9 to 36	9 to 36	9 to 36	9 to 36
Connector(s)	8 & 4 pin	4 pin	4 pin	4 pin	8 pin

You can browse through the complete catalog of our power management products at:
<https://products.axiomatic.com/category/power-management>

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