



Wall Industries, Inc.



Military Power Solutions

Since 1960, Wall Industries has been a leading provider of high-performance power solutions for the military industry. While we offer standard, off-the-shelf DC/DC power converters and AC/DC power supplies, our hallmark is modifying existing solutions—or creating custom solutions from scratch—to meet exacting requirements, timelines, and budgets.

From the simplest to the most complex requirements, Wall solves any of your standard, modified standard, and custom power needs. For over 60 years, the world's most well-known OEMs have continued to rely on Wall to provide reliable and efficient power products. Our military grade equipment is designed to be highly effective and reliable in the harshest of operating environments.

Wall has been faced with solving many challenging military scenarios for equipment that had to perform in extreme environments. From scorching deserts to salty ocean waters, Wall has been able to design and strategize with each individual case to deliver ruggedized equipment that performed well and met necessary Military Standards. Our 8-step design process helps you get the thorough attention to detail and precision that any military supply needs.

If you have obsolete or discontinued products in the field, need a modified or custom power solution for a new system, or want design and development assistance, give us a call at (888) 597-9255.

Let Wall power your success.

DC/DC POWER CONVERTERS

- 1 to 10kW+ Capability
- High Density Designs
- Complete Brick Family
- 2:1 and 4:1 and High Voltage Input Ranges
- Single to Multiple Outputs

AC/DC POWER SUPPLIES

- 1 to 10kW+ Capability
- Open Card, Cased, Encapsulated Cases
- High Reliability
- Single to Multiple Outputs

MIL STANDARDS

- MIL-STD-704 Aircraft Power Standards
- MIL-STD-1399 Shipboard Standards
- MIL-STD-1275 Military Vehicle Standards
- MIL-STD-461 Electro Magnetic Emissions Requirements
- MIL-STD-217 MTBF Standards
- MIL-STD-810 Environmental Testing
- MIL-STD-202 Standardized Test Methods
- Ability to support other MIL Standards

ADDITIONAL CAPABILITIES

- 3-D Mechanical Modeling based on COTS units
- Pre-Compliance Testing
- Analog design for input and output circuits
- High quality ruggedized designs
- Thermal Modeling

THE WALL DIFFERENCE

- Speed
- Accessibility
- Expertise
- Flexibility

Military Power Products

8-step design process



LV SERIES

- Input Voltage Range of 9-36VDC
- 50-100 Watts of Output Power
- Through Hole Mount
- High Density, Isolated Converter
- Customization Available



DCHBW200 SERIES

- Up to 240 watts of output power
- Adjustable Output Voltage
- Threaded or Through Hole Insert
- Industry Standard Half-Brick Footprint
- Negative Remote On/Off Control



CUSTOM DC/DC CONVERTER

- 160 Watts
- 13 Outputs to Choose From
- Fully EMI Compliant to MIL Standard 461 and MIL Standard 810



FA SERIES

- 250-300 Watts Output Power
- Synchronizable
- 88% efficient at full load
- Full Brick
- Remote ON/OFF (Active High/Low)
- Optional Chassis Mount Version (CMFA)
- Customization Available



HV SERIES

- 10-500 Watts
- 250-350VDC Input
- Brick Format



How can we help you?

To speak with our power supply and conversion specialists, contact us any time at 888-597-9255 or sales@wallindustries.com. We can't wait to power your success.