



Wall Industries, Inc.



DC/DC Converters to Support Vehicle Based Equipment

Since 1960, Wall Industries has been a leading provider of high-performance power solutions for a variety of industries and applications. 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.

Wall has several products that have successfully been implemented in several military applications. The DCHBW, LV, FA, and HP series are rated for 150 to 600 watts of power and their 10~36VDC input makes them ideal vehicle mount applications. This wide range enables them to operate off assorted battery sources, making them ideal for limiting environments.

These featured vehicle based components have been used in field communication radios, graphic displays, cameras, remote weapons stations, power amplifiers, jammers, and ruggedized computers. The combination of encapsulated and shielded packaging for conductive cooling, high operating efficiency, high power density, and input low voltage protection makes these products ideal for mobile applications. Wall offers an array of screening options to meet individual customer requirements as well as Military Standards.

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.

We can't wait to power your success.

THE WALL DIFFERENCE

- Speed
- Accessibility
- Expertise
- Flexibility

MIL 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

ADDITIONAL CAPABILITIES

- 3-D Mechanical Modeling based on COTS units
- Pre-Compliance Testing
- Analog design for input and output circuits
- -55°C to +125°C operating temperatures are available upon request

OTHER DC/DC CONVERTERS

- Encapsulated
- PC Board Mount
- Surface Mount
- Chassis Mount
- Through Hole

OTHER AC/DC SUPPLIES

- Open Frame
- Air Ventilated Enclosed
- U-Frame
- Encapsulated
- DIN Rail
- Enclosed with Fan
- Wall Plug-In
- Desktop

Vehicle Mount Products



DCHBW SERIES

- Input Voltage Ranges of 8.5-36, 16.5-75, 43-160VDC
- Output Voltages 3.3-48VDC
- Up to 200 Watts of Output Power
- Remote Sense & Remote On/Off
- High Efficiency up to 91%
- Input Under Voltage Protection

LV SERIES

- Input Voltage Range of 9-36VDC
- Output Voltages 5-28VDC
- Up to 150 Watts
- Remote Sense & Remote On/Off
- Input Under Voltage Protection
- Will Sustain 50VDC Surge for 100ms



FA SERIES

- Input Voltage Range of 10-36VDC
- Output Voltages 5-48VDC
- Up to 300 Watts
- Remote Sense & Remote On/Off
- Input Under Voltage Protection
- Operating Case Temp. of -40°C to +100°C
- Will Sustain 50VDC Surge for 100ms



HP SERIES

- Input Voltage Range of 10-36VDC
- Output Voltages 5-48VDC
- Up to 600 Watts
- Remote Sense & Remote On/Off
- Input Under Voltage Protection
- Will Sustain 50VDC Surge for 100ms



7-step design process



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.

WALL[®]
Wall Industries, Inc.