



Wall Industries, Inc.



Electric Vehicle

Since 1960, Wall Industries has been a leading provider of high-performance power solutions across a variety of industries and applications, now including electric vehicle. Electric vehicles and charging stations are rapidly gaining growth and popularity as a new form of transportation due to their environmental benefits and cost effectiveness.

Wall offers a wide variety of power supplies designed for use in electric vehicles and electric vehicle charging stations. This includes battery chargers, bi-directional converters, and several DC/DC converters and AC/DC power supplies. These supplies offer as low as 5 watts of output power and up to 3600 watts. They have features like high efficiency, high isolation, low noise, and short circuit protection making them ideal for any EV application.

If we do not have a standard supply that will fit your electric vehicle application, our expert engineering team can modify one of our standard products or build a custom design to meet your specifications. Wall Industries has over 60 years of US based engineering and manufacturing experience designing custom power supplies for harsh environments and unique circumstances.

If you are building electric vehicles or electric vehicle charging systems, Wall has the components you need. If you are looking for a modified or custom solution for your new system, or need development assistance, give us a call at (888) 597-9255.

We can't wait to power your success.

WALL'S EV POWER SUPPLIES AND CONVERTERS

- AC/DC and DC/DC Units
- Up to 3600 Watts
- Single Outputs
- High Efficiency
- Wide Temperature Ranges
- High Isolation
- Short Circuit Protection
- Thermal Protection
- Low noise
- Waterproofing

EV APPLICATIONS

- Electric Cars
- Electric Motorcycle
- Electric Bicycle
- Electric Bus
- Golf Carts
- Forklifts
- Scooters
- Recreational Vehicles
- Lawn Mowers

THE WALL DIFFERENCE

- Speed
- Accessibility
- Expertise
- Flexibility



Electric Vehicle Power Supplies

8-Step Custom Design Process



PSEV3600 SERIES

- 3600 Watts of Output Power
- AC/DC Battery Charger
- ≥90% Efficiency
- RoHS Compliant
- UL, CE, and FCC Safety Approvals



DCCE24S2428-1000 SERIES

- 28 Watts of Output Power
- Bi directional DC/DC Converter
- 3KVDC Isolation
- High Efficiency
- EN62368-1 Safety Approval



DCVK168 SERIES

- 168 Watts of Output Power
- DC/DC Battery Charger
- Built-In ORing Diode
- C.C. and C.V. Mode
- IP67 Waterproof Rating



PSEOCH05 SERIES

- 5-5.04 Watts of Output Power
- I/O Isolation 4000VAC
- Meets IEC/EN 60335-1, UL/IEC/EN 62368-1, IEC/EN 60950, and IEC/EN 61558-2-16



PSAEK3000HV-OR

- 3000 Watts of Output Power
- 150VDC - 400VDC Single Outputs
- Power OK Signal & Remote ON/OFF
- Parallel Operation
- EN/UL 62368-1 Safety Approvals



UNDERSTAND
VISION

1



REVIEW
REQUIREMENTS

2



MAKE
RECOMMENDATIONS

3



CREATE
CUSTOM DESIGN

4



CUSTOMER
APPROVAL

5



VALIDATE
DESIGN

6



MANUFACTURE
PRODUCT

7



INTEGRATION &
SUPPORT

8

Visit wallindustries.com for more!

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.