



Size: 12.4in x 7.08in x 5.12in (315mm x 180mm x 130mm)

FEATURES

- AC Input Voltage of 220VAC
- High Efficiency
- -20°C ~ 45°C Operating Temperature
- Short Circuit, Thermal, Reverse Connection, and Battery Broken Protection
- RoHS Compliant
- UL, CE, and FCC Certifications

APPLICATIONS

- Electric Motorcycle
- Golf Cart
- Low Speed Car
- Electric Vehicle

DESCRIPTION

The PSEV3600 series of AC/DC battery chargers offers up to 3600 watts of output power in a 12.4" x 7.08" x 5.12" package. This series features high efficiency, -20°C ~ 45°C operating temperature, and protection against short circuit, thermal, reverse connection, and battery broken conditions. This series also has UL, CE, FCC, and RoHS certifications and is ideal for electric vehicle applications.

MODEL SELECTION TABLE

Model Number	Rated Input Voltage	Battery Standard Voltage	Maximum Charging Voltage	Maximum Charging Current	Output Power
PSEV3600-24S1	220VAC	24V	29.2V	120A	3600W
PSEV3600-36S1		36V	42V	100A	
PSEV3600-48S1		48V	54.6V	70A	
PSEV3600-60S1		60V	71.4V	60A	
PSEV3600-72S1		72V	84V	50A	
PSEV3600-24S2	220VAC	24V	29.4V	120A	3600W
PSEV3600-36S2		36V	44.1V	100A	
PSEV3600-48S2		48V	58.8V	70A	
PSEV3600-60S2		60V	73.5V	60A	
PSEV3600-72S2		72V	88.2V	50A	

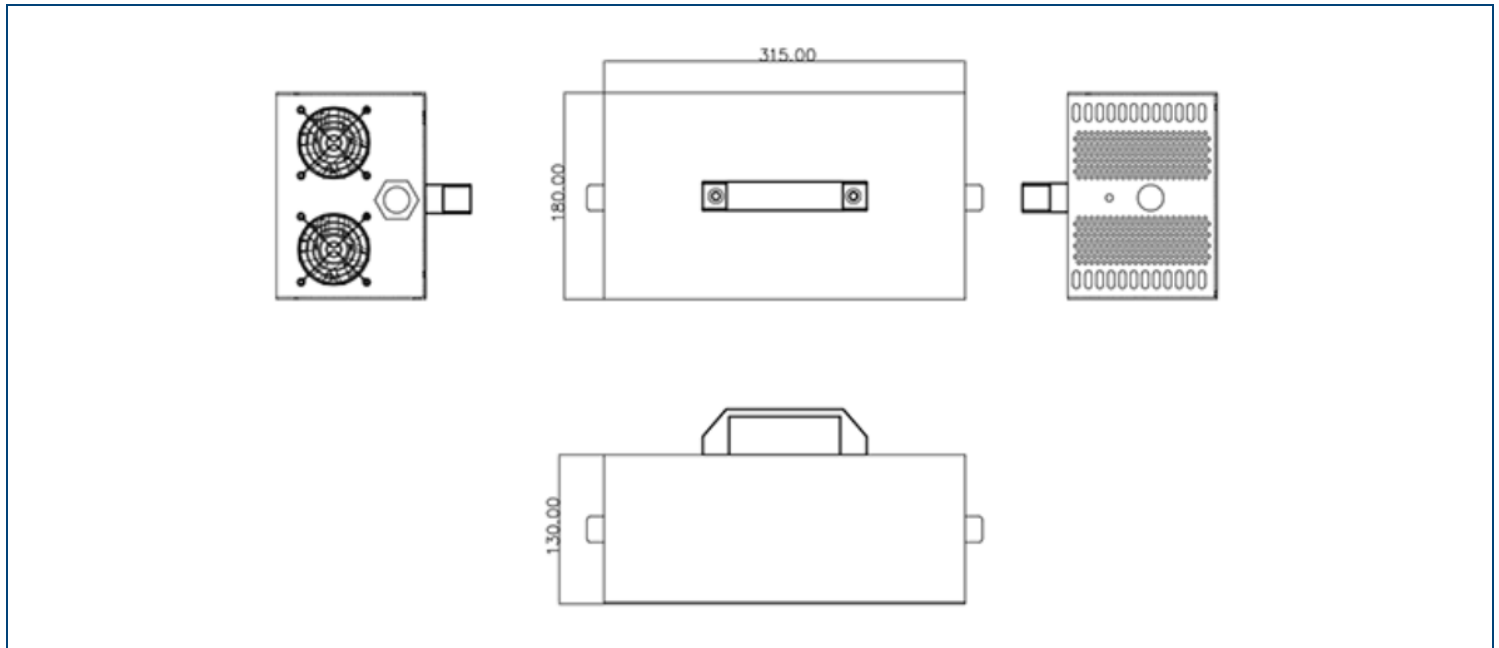
SPECIFICATIONS

All specifications are based on 25°C, Nominal Input Voltage, and Maximum Output Current unless otherwise noted. We reserve the right to change specifications based on technological advances.

SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
INPUT SPECIFICATIONS					
Input Voltage Range			220		V
Input Frequency		45		65	Hz
AC Power Factor Correction			≥0.98		
OUTPUT SPECIFICATIONS					
Output Voltage		24		90	V
Output Power		See Table			
Output Current		See Table			
PROTECTION					
Short Circuit Protection	Charger will Turn Off				
Thermal Self-Protection	Charge will stop automatically when max temperature is reached, LED light will be red as a warning				
Reverse Connection Protection	When battery's polarity is reverse, charger will cut off the connection between circuit and battery				
Battery Broken Protection	When open circuit happens, battery cannot be 100% fully charged and charger will shut down automatically.				
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature		-20		45	°C
Storage Temperature		-40		85	°C
Shock and Vibration		10~50Hz 2G 10min, X, Y, Z/60 min.			
GENERAL SPECIFICATIONS					
Efficiency	Full Load		≥90		%
PHYSICAL SPECIFICATIONS					
Weight		19.84lbs (9kg)			
Dimensions (L x W x H)		12.4 x 7.08 x 5.12in (315 x 180 x 130mm)			
Packing		9kg/pc, 2pcs/Carton			
SAFETY CHARACTERISTICS					
Certifications		UL, CE, FCC, RoHS			

*Due to advances in technology, specifications subject to change without notice.

MECHANICAL DRAWINGS



COMPANY INFORMATION

Wall Industries, Inc. has created custom and modified units for over 50 years. Our in-house research and development engineers will provide a solution that exceeds your performance requirements on-time and on budget. Our ISO9001: 2015 certification is just one example of our commitment to producing a high quality, well-documented product for our customers.

Our past projects demonstrate our commitment to you, our customer. Wall Industries, Inc. has a reputation for working closely with its customers to ensure each solution meets or exceeds form, fit and function requirements. We will continue to provide ongoing support for your project above and beyond the design and production phases. Give us a call today to discuss your future projects.

Contact **Wall Industries** for further information:

Phone: ☎(603)778-2300
Toll Free: ☎(888)597-9255
Fax: ☎(603)778-9797
E-mail: sales@wallindustries.com
Web: www.wallindustries.com
Address: 37 Industrial Drive
Exeter, NH 03833

©2021 Wall Industries, Inc. Specifications subject to change without notice. Wall Industries is not responsible for typographical errors. The information contained herein is for informational purposes only. This information is provided by Wall Industries and we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information contained in this document for any purpose. All product and manufacturer names are trademarks or registered trademarks of their respective companies.