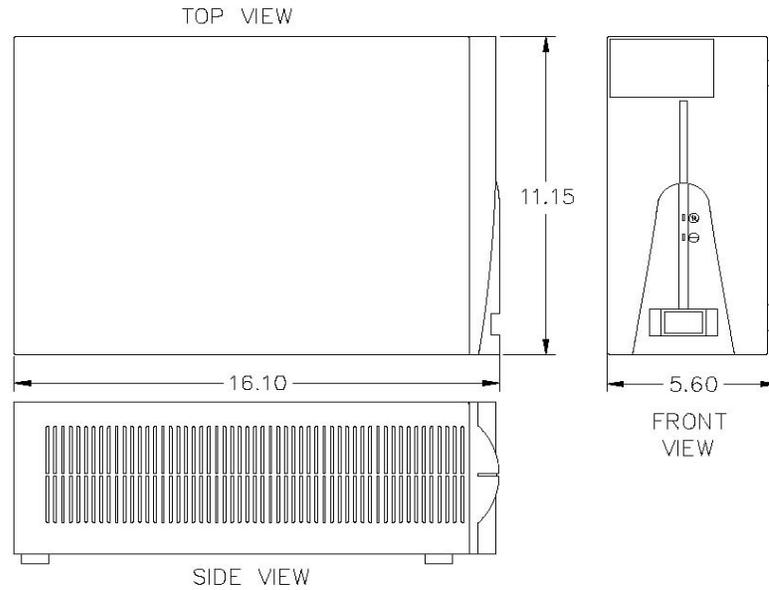


GPI "1" Series Power Conditioners Specifications  
North American- Models ABC500-91 - ABC1500-91



	ABC500-91 Part # 97042-XXR	ABC1000-91 Part # 97083-XXR	ABC1500-91 Part # 97125-XXR
VA Rating	500	1000	1500
Frequency	50/60 Hz.	50/60 Hz.	50/60 Hz.
BTU/Hr. Output	85	137	185
T.H.D. % Added	<1%	<1%	<1%
Load Surge Current @			
1/2 cycle	100 amps	162 amps	170 amps
1 second	48 amps	78 amps	85 amps
10 seconds	14 amps	23 amps	28 amps
Input Voltage	Factory Selectable 100/120/208/240	Factory Selectable 100/120/208/240	Factory Selectable 100/120/208/240
Output Voltage	120	120	120
Output Current	4.2 amps	8.3 amps	12.5 amps
Efficiency	95%	96%	96%
Voltage Drop No Load to Full Load	7.2%	5.2%	5.2%
Wall mountable	Yes	Yes	Yes
Compliance	<b>CE</b> RoHS	<b>CE</b> RoHS	<b>CE</b> RoHS
Shipping Weight (lbs.)	21	34	64

## North American GPI Series 1 Conditioners - "D" Case Enclosure Available Plug/Receptacle Options

### POWERVAR Part #

ABC500-91 - 97042-02-XX\*R

ABC1000-91 - 97083-02-XX\*R

ABC1500-91 - 97125-02-XX\*R

\*When ordering by part #, add two digit number from below in place of **XX** to specify receptacle option desired.

**Please contact POWERVAR, Inc. at (800) 369-7179 for information on  
plug and receptacle options.**

### **IMPORTANT PRODUCT NOTE**

The POWERVAR GPI Series 1 power conditioner uses the POWERVAR GPI Series B components and encloses them in a chassis for those customers who wish to take advantage of the product's voltage conversion function in a product with plug and receptacle capability. The GPI Series 1 power conditioner uses a UL Recognized Component that has also been tested and found to meet the relevant requirements of medical standard UL2601 (IEC60601). It is not UL or cUL listed. The GPI Series 1 power conditioner has an input voltage that is programmable via a multi-terminal strip using jumper settings. One of four input voltages may be selected. The unit is equipped with an input circuit breaker and input power cord of the appropriate rating for the input voltage that was specified when the unit was ordered.

**IMPORTANT SAFETY NOTICE:** If the input voltage of the GPI Series 1 is changed in the field, it may be necessary, in order to maintain safety, to also change the input circuit breaker and input power cord. Please consult POWERVAR Product Engineering for assistance in obtaining the correct circuit breaker and input power cord to match the selected input voltage. Failure to strictly observe this safety notice may result in product malfunction, product damage, system damage, and/or fire.

**NOISE REJECTION-ISOLATION:** With unit under power and an ANSI/IEEE C62.41 Cat. A pulse applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NM-NM, CM-CM, NM-CM).

**SURGE VOLTAGE WITHSTAND CAPABILITY:** Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 usec risetime, 100 kHz decay, Cat. B - 6000V @ 500 amps, 0.5 usec risetime, 100 kHz decay.

**Warranty/Support:** POWERVAR warrants its power conditioners to be free from defects in materials and workmanship for a period of five years from the date of shipment. For North American service or support on any POWERVAR product, please contact POWERVAR Technical Support at (800) 369-7179 (in Illinois call (847-596-7000)). For service and support in EMEA, contact POWERVAR, Ltd. in the United Kingdom at +44 (0) 1793 553980. Or visit the POWERVAR website at [www.powervar.com](http://www.powervar.com).