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TECHNOLOGY GROUP

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Full-service, independent repair center
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so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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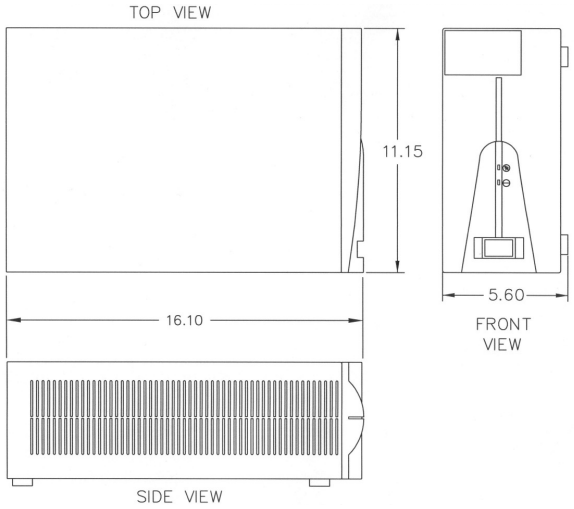
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POWERVAR
Solutions for Power Quality®

AMETEK®

Standard Power Conditioner Specifications

North American - ABC830-ABC2000



	ABC830-11 Part # 61100-XXR	ABC1000-11 Part # 61120-XXR	ABC1200-11 Part #61144-XXR	ABC1600-11 Part # 61192-XXR	ABC2000-11 Part # 61240-XXR
VA Rating	1000	1200	1440	1920	2400
Frequency	60 Hz.	60 Hz.	60 Hz.	60 Hz.	60 Hz.
BTU/Hr. Output	171	205	246	263	328
T.H.D. % Added	<1%	<1%	<1%	<1%	<1%
Load Surge Current @					
1/2 cycle	325 amps	375 amps	400 amps	500 amps	500 amps
1 second	156 amps	180 amps	192 amps	240 amps	240 amps
10 seconds	45 amps	52 amps	55 amps	70 amps	70 amps
Input Voltage	120	120	120	120	120
Output Voltage	120	120	120	120	120
Output Current	8.3 amps	10.0 amps	12.0 amps	16.0 amps	20.0 amps
Efficiency	95%	95%	95%	96%	96%
Voltage Drop No Load to Full Load	5%	5%	4%	4%	4%
Wall mountable*	Yes	Yes	Yes	Yes	Yes
Compliance	UL, cUL, RoHS	UL, cUL, RoHS	UL, cUL, RoHS	UL, cUL, RoHS	UL, cUL, RoHS
Shipping Weight (lbs.)	34	38	43	52	63

* Add "W" to model number for wallmount

NOISE REJECTION-ISOLATION: With unit under power and an ANSI/IEEE C62.41Cat. 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.

Available Plug/Receptacle Options

POWERVAR Part #

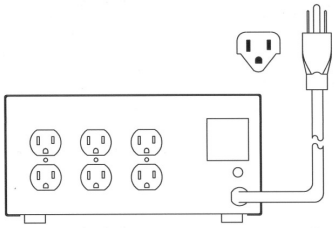
ABC830-11 - 61100-XXR**
ABC1000-11 - 61120-XXR**
ABC1200-11 - 61144-XXR**
ABC1600-11 - 61192-XXR**
ABC2000-11—61240-XXR**

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

Standard Rear Panel Configuration for Models ABC830-11 through ABC1200-11

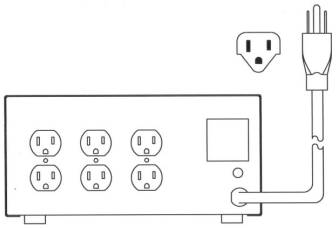
Option 1 - Standard Plugs/Receptacles

-03 - 5-15P plug and three 5-15R duplex



Option 2 - Hospital Grade Plugs/Receptacle

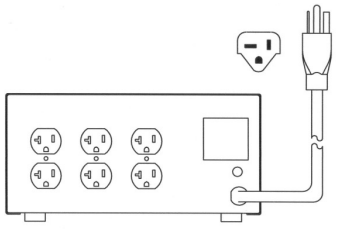
-13 - 5-15P hospital grade plug and three 5-15R hospital grade duplex



Standard Rear Panel Configuration for Model ABC1600-11

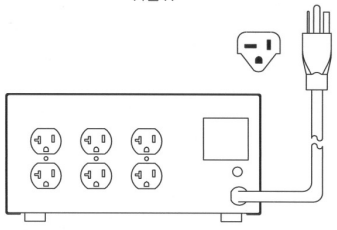
Option 1 - Standard Plugs/Receptacles

-04 - 5-20P plug and three 5-20R duplex



Option 2 - Hospital Grade Plugs/Receptacles

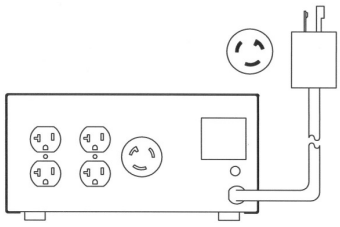
-14 - 5-20P plug and three 5-20R duplex hospital grade



Standard Rear Panel Configuration for Model ABC2000-11

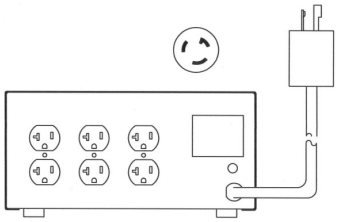
Option 1 - Twistlock plug with combination of twist-lock and standard receptacles

-07 - L5-30P plug, one L5-30R, two 5-20R duplex
-08 - L5-30P plug, one L5-20R, two 5-20R duplex



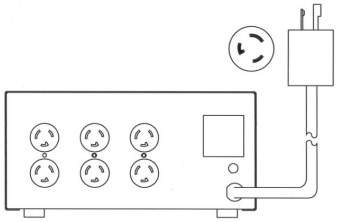
Option 2 - Twistlock plug with standard receptacles

-09 - L5-30P plug and three 5-20R duplex
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Option 3 - Twistlock plug and twistlock receptacles

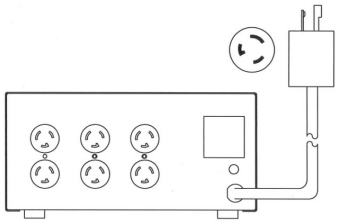
-10 - L5-30P plug and three L5-20R duplex



Special Twistlock Configurations for Models ABC830-11 through ABC1200-11

Option 1 - Twistlock plug and twistlock receptacles

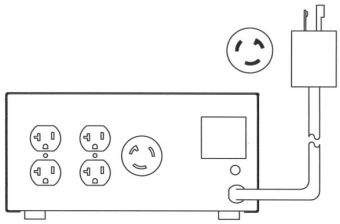
-43 - L5-15P plug and three L5-15R duplex



Combination Configurations for Models ABC1000-11 only

Option 1 - Twistlock plug with standard receptacles

-05 - L5-20P plug with L5-20R and two 5-20R duplex



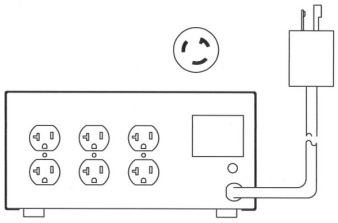
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Special Twistlock Configurations for Model ABC1600-11

Option 1 - Twistlock plug with standard receptacles

-06 - L5-20P plug and three 5-20R duplex
-09 - L530P plug and three 5-20R duplex



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**.

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