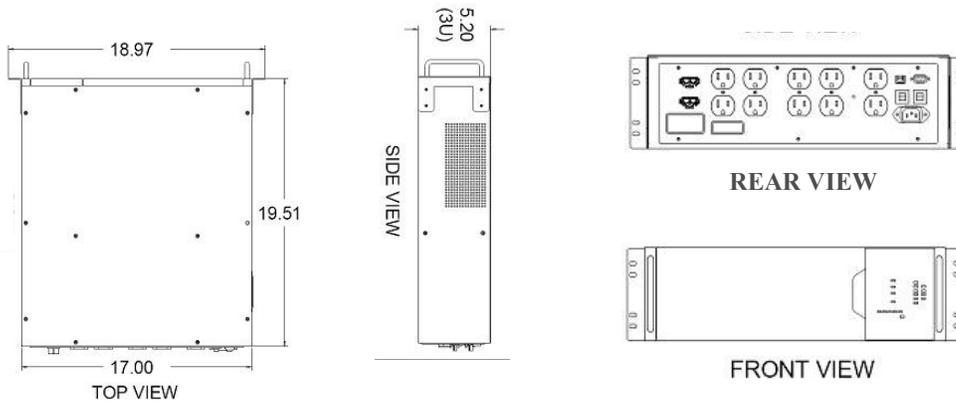


North American Medical Uninterruptible Power Managers Rackmount Enclosure



	ABCE600-11IECR PN # 56060-23GR	ABCE800-11IECR PN # 56080-23GR	ABCE1100-11IECR PN # 56110-23GR	ABCE1440-11IECR PN # 56144-23GR
Type	Medical Grade - Listed to UL60601	Medical Grade - Listed to UL60601	Medical Grade - Listed to UL60601	Medical Grade - Listed to UL60601
VA Rating	600	800	1100	1440
Watt Rating	420	560	770	1008
Inverter Waveform	Low distortion sine wave	Low distortion sine wave	Low distortion sine wave	Low distortion sine wave
Transfer time	4 ms. typical	4 ms. typical	4 ms. typical	4 ms. typical
Frequency	60 Hz.	60 Hz.	60 Hz.	60 Hz.
BTU/Hr. Output	125	200	225	250
T.H.D. Max. %	<3% on battery	<3% on battery	<3% on battery	<3% on battery
On Line Efficiency	93%	92%	94%	94%
Input Voltage	120	120	120	120
Input Current	6.0 amps	7.5 amps	10.0 amps	12.0 amps
Output Voltage	120	120	120	120
Output Current	5.0 amps	6.7 amps	9.0 amps	12.0 amps
Input Voltage Range Without Using Battery	96—151 volts	96—151 volts	96—151 volts	96—151 volts
Output Regulation (on line)	± 10%	± 10%	± 10%	± 10%
Output Regulation (on battery)	± 5%	± 5%	± 5%	± 5%
Backup time (full/half load)	6/20 minutes	6/20 minutes	6/20 minutes	6/20 minutes
Communications Interface	DB9, USB	DB9, USB	DB9, USB	DB9, USB
Compliance	UL60601-1 and cUL C22.2 No. 60601-1, RoHS	UL60601-1 and cUL C22.2 No. 60601-1, RoHS	UL60601-1 and cUL C22.2 No. 60601-1, RoHS	UL60601-1 and cUL C22.2 No. 60601-1, RoHS
Shipping Weight (lbs.)	56	60	72	86

Front Panel Controls

- Power On/Off
- Test
- Load Level LED Gauge
- Battery Charge LED Gauge
- Output receptacle status
- Voltage Manager Boost LED
- Voltage Manager Nominal LED
- Voltage Manager Buck LED
- On Battery LED
- Replace Battery LED
- Overload LED

Rear Panel Information and Controls

- IEC320 Inlet Module
- Ten (10) NEMA 5-15R receptacles controllable via Communications Manager - spaced for DC power supplies
- Communications Manager DB9 port, USB port
- Circuit Breakers
- Battery enable plugs (also enables cold start on battery)

Internal Batteries

- User hot-swappable (see instruction manual)
- Type - varies by model. See table below.

	DC Buss Volts	Batteries
ABCE600-11R	24	12V, 7AH x 2
ABCE800-11R	24	12V, 7AH x 2
ABCE1100-11R	24	12V, 11AH x 2
ABCE1440-11R	24	12V, 7AH x 4

- Recharge time - 4 hours to 80% capacity

Environmental

- Temperature - 0 - +40° C (32 - 104°F) Operating
-20 - +60° C (-40 - +140° F) Shipment, Storage
- Humidity - 5 - 90% non-condensing (Operating, Shipment, Storage)
- Altitude- 3,000m (10,000 ft) max. operating; 12,000m (40,000 ft) max shipment and storage.

Safety Agency Information

North American Standard models are UL and cUL listed to UL1778. International Standard models are UL listed. All models for international use carry the CE mark.

North American medical versions of this uninterruptible power manager meet all requirements for UL60601-1 and cUL C22.2 No. 60601.1.

International medical versions of this uninterruptible power manager meet all requirements for IEC60601-1 and European derivatives EN60601.

EMC Conformance

Low/High Voltage Models: FCC Part 15 J Class A (Class B optional)

International Voltage Models: FCC Part 15 J Class A (Class B optional) EN 55022 Class B/CISPR 22, EN 50091-2, IEC 61000-3-2

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.

Warranty/Support: POWERVAR warrants the electronics and transformers used in its uninterruptible power managers to be free from defects in materials and workmanship for a period of five years from the date of shipment. Batteries are warranted for a period of two 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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