

Power

AlphaMED Series

Uninterruptible Power Supplies for Health Care Applications
1500 to 3000VA

Proudly Distributed By:

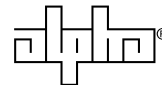
DIGITAL TELECOM
INC.

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- Maximum power protection for complete isolation and uninterruptible power
- Meets demanding UL 60601-1 medical safety standards
- Low current leakage supports patient vicinity equipment
- Computer-grade sine wave to ensure maximum equipment performance
- Advanced communications, RS-232, SNMP, and self-test capabilities
- Generator compatibility ensures stable and reliable power
- Optional external battery packs greatly extend backup time

Clean, safe reliable power is critical to the health care industry. The AlphaMED is the answer. Designed to meet and exceed the safety standards set by UL and CSA, the AlphaMED ensures clean, reliable power when operating with unstable utility power sources, and provides the lowest leakage current in the industry. Sophisticated medical equipment such as ultrasound systems, film processors, laboratory systems, and other health care devices need optimal power protection, as well as a low audible noise level. The AlphaMED external battery packs greatly extend the backup time. In addition, the AlphaMED satisfies the most stringent output regulations by providing the protected equipment with pure sine wave power within one percent of the nominal voltage requirement under typical loads.



AlphaMED Series

Nominal Specifications

Model Number:	MED 1500C	MED 1500H	MED 2000	MED 2500	MED 3000
Output Power Rating:	1500VA 1125W	1500VA 1000W	2000VA 1334W	2500VA 1667W	3000VA 2000W
Input/Output Voltage (VAC) Nominal:	120	120/208/240	120/208/240	120/208/240	120/208/240
Typical Efficiency—AC/AC 100% Load:	90%	90%	90%	90%	90%
Typical THD:	5%	5%	5%	5%	5%
Typical Heat Output—Line Mode:	427BTU/h	427BTU/h	398BTU/h	636BTU/h	758BTU/h
Audible Noise at 1m:	<40dBA	<38dBA	<39dBA	<39dBA	<39dBA
Waveform:	sine	sine	sine	sine	sine
Noise Attenuation					
Common Mode (100k to 1MHz):	-120dB	-120dB	-120dB	-120dB	-120dB
Normal Mode (100k to 1MHz):	-60dB	-60dB	-60dB	-60dB	-60dB
Operation Temperature (°F/°C):	32 to 104/0 to 40	32 to 104/0 to 40	32 to 104/0 to 40	32 to 104/0 to 40	32 to 104/0 to 40
Mechanical					
Width (in/mm):	8.5/216	8.5/216	8.5/216	8.5/216	8.5/216
Height (in/mm):	15.5/394	21/533	21/533	21/533	21/533
Depth (in/mm):	21/533	22.5/571	22.5/571	22.5/571	29.5/749
Weight (lb/kg):	147/67	151/69	171/78	185/84	283/128
Internal Battery Runtime*:	18min	18min	15min	10min	27min
Max. Battery Charger Current:	3A	3A	3A	3A	3A
Battery Recharge Time:	5hrs typical	5hrs typical	5hrs typical	5hrs typical	5hrs typical
Extended Battery Run Time Options*					
A. External Battery Pack (EBP):	EBP 48A	EBP 48A	EBP 48A	EBP 48A	EBP 48A
Total Runtime**:	1hr 39min	1hr 39min	1hr 10min	52min	1hr 15min
B. External Battery Pack (EBP):	EBP 48E	EBP 48E	EBP 48E	EBP 48E	EBP 48E
Total Runtime**:	3hrs 45min	3hrs 45min	2hrs 48min	2hrs 10min	2hrs 30min

* Battery runtimes are calculated at 100% load and will vary according to battery age, loads, temperature and other factors.

** Total runtime include the internal batteries and the External Battery Pack (EBP).

Agency Compliance

Marks: CSA 107.1-01, CAN/CSA 601.1-M90

Safety: UL 1778 (2nd Edition), UL Std No 60601-1 (1st Edition)

Power Connector Options

Input: Hospital Grade NEMA STD:	5-15P	5-15P	5-20P
	L5-15P	5-20P	6-15P
		6-15P	6-20P
		6-20P	

Output: Hospital Grade NEMA STD:	5-15R	5-15R	5-20R	6-20R
	L5-15R	5-15R	5-20R	6-20R

Output Power Connector Configuration Options

- 1) Any combination of 3 or less duplex receptacles.
- 2) Any combination of 2 or less single receptacles.
- 3) Any duplex receptacle with any single receptacle.
- 4) Single terminal block.

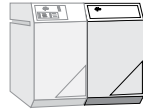
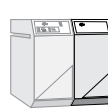
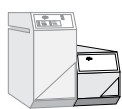
(Other Configurations may be available)

EBP Options

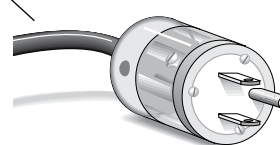
Alpha's plug-in External Battery Packs provide extended backup for all CFR models. All battery packs are shipped fully assembled and include interconnecting cables. Longer runtimes are obtained by cascading additional battery cabinets.

Available for:
CFR 1500, 2500, 3000

Battery Pack 48V	EBP 48A	EBP 48E	EBP 1275-48R
Width (in/mm):	8.5/216	8.5/216	22.0/660
Height (in/mm):	10.5/267	21.5/546	30.3/770
Depth (in/mm):	10.5/267	21.5/546	31.5/800
Weight (lb/kg):	127/58	312/141	905/411
Capacity (Ah):	33	88	264

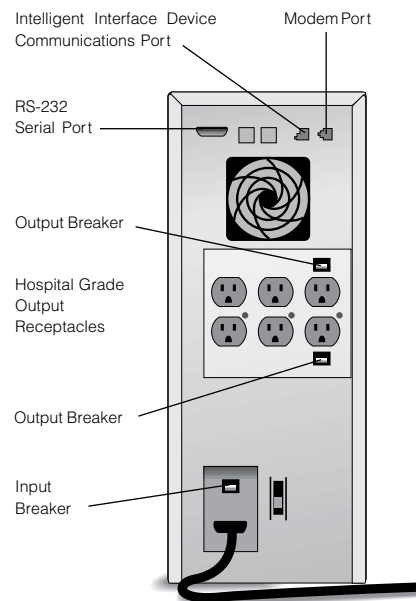


15' Hospital Grade Line Cord



Hospital Grade Input Plug

AlphaMED Back Panel



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049-070-11-007 (9/06)

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