

Power

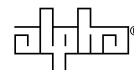
AlphaMED Series

Uninterruptible Power Supplies for Health Care Applications
600 to 3000VA



- Maximum power protection for complete isolation from uninterruptible line power
- UL 60601-1 listed meets demanding medical and dental 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 1000	MED 1500	MED 2000	MED 2500	MED 3000
Output Power Rating:	1000VA 750W	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%	92%	92%	92%	%90
Typical THD:	4%	5%	5%	5%	%5
Typical Heat Output—Line Mode:	284BTU/h	297BTU/h	398BTU/h	497BTU/h	758BTU/h
Audible Noise at 1m:	<40dBA	<38dBA	<39dBA	<39dBA	<39dBA
Waveform:	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 (mm/in):	216/8.5	216/8.5	216/8.5	216/8.5	216/8.5
Height (mm/in):	254/10	533/21	533/21	533/21	533/21
Depth (mm/in):	508/20	559/22	559/22	559/22	559/22
Weight (kg/lb):	42/92	79/174	87/192	91/201	91/201
Internal Battery Run Time*:	12min	22min	16min	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 24A	EBP 48A	EBP 48A	EBP 48A	EBP 48A
Total Run Time**:	32min	1hr 39min	1hr 10min	52min	1hr 15min
B. External Battery Pack (EBP):	EBP 24C	EBP 48E	EBP 48E	EBP 48E	EBP 48E
Total Run Time**:	2hrs 12min	3hrs 45min	2hrs 48min	2hrs 10min	2hrs 30min
C. External Battery Pack (EBP):	EBP 24E				
Total Run Time**:	5hrs 12min				

* Battery run times are calculated at typical loads (80%) and will vary according to battery age, loads, temperature and other factors.

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

Power Connector Options

Input: Hospital Grade NEMA STD:	5-15P	5-15P	5-20P	5-30P
	L5-15P	5-20P	6-15P	Terminal Block
		6-15P	6-20P	
		6-20P	Terminal Block	
		Terminal Block		
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.

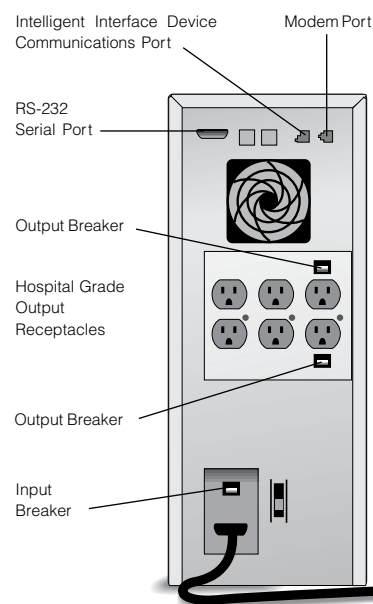
(Other Configurations may be available)

15' Hospital Grade Line Cord



Hospital Grade Input Plug

AlphaMED Back Panel



For contact information visit www.alpha.com

The Alpha Group >

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