



AlphaMED

Uninterruptible Power Supply for Health Care



- Maximum power protection and complete isolation from uninterruptible line power.
- Meets demanding medical and dental safety standards and UL544 and CSA 22.2 #125 listed.
- Low current leakage supports patient vicinity equipment.
- Computer grade sine wave output to ensure maximum equipment performance.
- Advanced Communications RS-232, SNMP, on-board modem and self-test capabilities.
- Generator compatibility ensures stable and reliable power when operating with unstable sources.
- External Battery Packs greatly extend available backup time.

Clean, safe, reliable power is critical to the health care industry. The AlphaMED UPS 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 from noise, sags and surges. The AlphaMED provides such protection, as well as a low audible noise level. The external battery packs greatly extend the available backup time. In addition, the AlphaMED satisfies the most stringent output regulation providing the protected equipment pure sinewave power within one percent of the nominal voltage requirement under typical loads.

Nominal Specifications

Model Number	MED 1000	MED 1500	MED 2000	MED 2500
Output Power Rating	1000VA 750W	1500VA 1000W	2000VA 1340W	2500VA 1675W
Input/Output Voltage (VAC) Nominal	120	120 / 208 / 240	120 / 208 / 240	120 / 208 / 240
Typical Efficiency - AC/AC 100% Load	90%	92%	92%	92%
Typical THD	4%	5%	5%	5%
Typical Heat Output - Line Mode	284 BTU/h	297 BTU/h	398 BTU/h	497 BTU/h
Transformer Isolation	yes	yes	yes	yes
Audible Noise at 1m	<40 dBA	<38 dBA	<39 dBA	<39 dBA
Waveform	sine	sine	sine	sine
Noise Attenuation				
Common Mode (100K - 1MHz)	-120 dB	-120 dB	-120 dB	-120 dB
Normal Mode (100K - 1MHz)	-60 dB	-60 dB	-60 dB	-60 dB
Operation Temperature (°F / °C)	32to 104 / 0 to 40	32 to 104 / 0 to 40	32 to 104 / 0 to 40	32 to 104 / 0 to 40

Mechanical

Width (Inches / mm)	8.5 / 216	8.5 / 216	8.5 / 216	8.5 / 216
Height (Inches / mm)	10 / 254	21 / 533	21 / 533	21 / 533
Depth (Inches / mm)	20 / 508	22 / 559	22 / 559	22 / 559
Weight (Lbs / kg)	92 / 42	174 / 79	192 / 87	201 / 91

Internal Battery Run Time*

Maximum Battery Charger Current	3A	3A	3A	3A
Battery Recharge Time	5 Hours	5 Hours	5 Hours	5 Hours

Extended Battery Run Time Options *

A. External Battery Pack (EBP)	EBP 24A	EBP 48A	EBP 48A	EBP 48A
<i>Total Run Time (Internal Batteries + EBP)</i>	32 Minutes	1 Hour 30 Minutes	54 Minutes	42 Minutes
B. External Battery Pack (EBP)	EBP 24C	EBP 48E	EBP 48E	EBP 48E
<i>Total Run Time (Internal Batteries + EBP)</i>	2 Hours 12 Minutes	3 Hours 30 Minutes	2 Hours 30 Minutes	2 Hours
C. External Battery Pack (EBP)	24E			
<i>Total Run Time (Internal Batteries + EBP)</i>	5 Hours 12 Minutes			

* Battery run times are calculated at typical loads (80%) and will vary according to battery age, loads, temperature and other factors. Longer run times are available. Optional Caster Tray is available for AlphaUPS and Battery Packs.

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

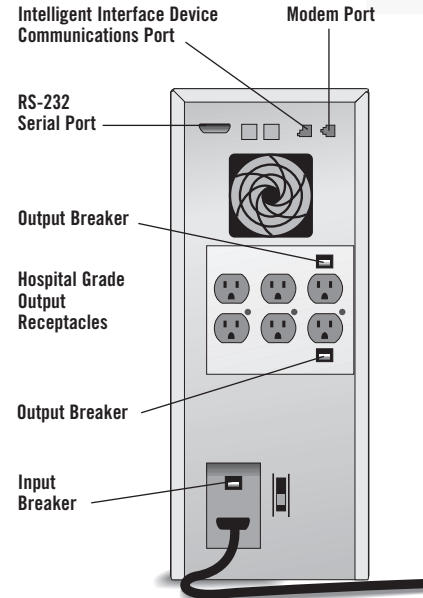
Output Power Connector Configuration Options

(Other Configurations may be available)

1) Any two duplex receptacles.

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

AlphaMED Back Panel



15' Hospital Grade Line Cord



Hospital Grade Input Plug

Communication Features

- RS-232 Port
- SNMP Compatible
- Two-Way, On-board Modem (optional)
- Intelligent Interface Device (optional)

Please contact your Alpha sales representative for additional information.

USA & Latin America
Alpha Technologies
3767 Alpha Way
Bellingham, WA 98226
Tel: 360-647-2360
Fax: 360-671-4936
Web: www.alpha.com

Canada
Alpha Technologies
7033 Antrim Avenue
Burnaby, B.C. V5J 4M5
Tel: 604-430-1476
Fax: 604-430-1669

United Kingdom
Alpha Technologies
Cartel Business Estate
Edinburgh Way
Harlow, Essex CM20 2DU
Tel: +44-1279-422110
Fax: +44-1279-423355

Germany
Alpha Technologies
Hansastraße 8
D-91126 Schwabach
Tel: +49-9122-79889-0
Fax: +49-9122-79889-21

Middle East
Alphatec
P.O. Box 6468
3307 Limassol, Cyprus
Tel: +357-5-375675
Fax: +357-5-359595

Australia
Alpha Technologies
Unit 6, 8 Anella Avenue
Castle Hill, NSW 2154
Tel: +61-2-9894-7866
Fax: +61-2-9894-0234