

Power

Alpha Micro 1000

UPS



- Compact, integrated UPS system provides clean, uninterruptible backup power, ensuring your system will remain up and running during power outages
- Wide range Automatic Voltage Regulation (AVR) without going to batteries extends battery life, even during periods of surge or sag in voltage from utility power
- External communications via RS-232 port and optional Ethernet SNMP interface provides local or remote monitoring and control
- Independently programmable control and report relays allow tracking and controlling of key functions
- User-friendly LCD display allows "at-a-glance" monitoring and troubleshooting
- Temperature compensated battery charging protects battery from over charging at extreme temperatures
- A wide operating temperature range of -40 to 74°C (-40 to 165°F)* is suitable for the most extreme operating environments

The Alpha Micro Series provides constant, reliable backup power for Access Control, Security, Public Utility and Telecommunications applications in a compact all-in-one enclosure. The Alpha Micro UPS Series provides the same functionality as the Alpha FXM Series, for lower power applications in a single, easy to install cabinet. Optional add-on battery cabinets support applications where longer backup times are required. The system is available in either North American (120Vac/60Hz) or International (230Vac/50Hz) variants.

* This applies to the UPS module only. Batteries may require a heater mat at lower temperatures. Output power derates after 50°C

Alpha Micro 1000 UPS

Consult your Alpha representative for P/N configurations

Electrical

> North America

Battery string voltage:.....48Vdc

Input:

Nominal voltage:120Vac

Nominal frequency:60Hz

Current:.....8.8A nominal

Voltage range:85 to 175Vac

Output:

Current:.....8.3A nominal

Voltage regulation: +/- 10% over input voltage range

Power @ 50°C:.....1000W/VA

> International

Battery string voltage:.....48Vdc

Input:

Nominal voltage:230Vac

Nominal frequency:50Hz

Current:.....4.6A nominal

Voltage range:150 to 328Vac

Output:

Voltage:230Vac

Current:.....4.3A nominal

Voltage regulation: +/- 10% over input voltage range

Power @ 50°C:.....1000W/VA




Performance / Features

Run time*:.....4 x 18Ah batteries - 28 mins

*Run time on battery power can vary based on loads, temperature and battery.

Other battery options are available.

Mechanical

	>Alpha Micro		
	Dimensions	mm	500H x 358W x 294D
		inches	19.7H x 14.1W x 11.6D
Weight (without batteries)		19.7kg (43.4lbs)	
	>Alpha Micro XL		
	Dimensions	mm	776H x 358W x 294D
		inches	30.6H x 14.1W x 11.6D
Weight (without batteries)		19.7kg (49.8lbs)	
	>Alpha Micro XL3		
	Dimensions	mm	1330H x 358W x 294D
		inches	52.4H x 14.1W x 11.6D
Weight (without batteries)		22.6kg (69.2lbs)	

Agency Compliance

Electrical safety:.....UL1778, CSA 22.2 No. 107.3,
EN50091-1-2, EN60950

Marks:^CCSA_{US}, CE**

EMI:.....Level A FCC, CISPR22, EN55022

NEMA:.....3R

**CE applies to 230Vac version only