

Power

Alpha Micro 1000

UPS and Enclosure



- Compact, integrated UPS system provides clean, uninterruptable backup power
- Wide range Automatic Voltage Regulation 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 or (optional) Ethernet SNMP interface provides local or remote monitoring control
- Independently programmable control and report relays allow tracking and controlling of key functions
- Event and alarm logging with time and date stamping simplifies and accelerates troubleshooting
- A wide operating temperature range of -40 to 74°C (-40 to 165°F)* is suitable for the most extreme operating environments
- Temperature compensated battery charging protects batteries from over charging at extreme temperatures

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 class leading 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

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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