

Power

Alpha Micro 300

UPS



Alpha Micro 300 shown

- Clean, uninterruptible backup power ensures your system will remain up and running during power outages
- 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
- A wide operating temperature range of -40 to 74°C (-40 to 165°F) is suitable for most extreme operating environments¹
- Battery runtime reporting: know how much time is left based on current loads
- Bright, daylight readable white text on blue LCD display

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. Each power level is available in either North American (120VAC/60Hz) or International (230VAC/50Hz) variants.

¹. This applies to the UPS module only. Batteries may require a heater mat at lower temperatures. Output power derates after 50°C.

Alpha Micro 300 UPS

Consult your Alpha representative for P/N configurations

Electrical

> North America

Battery string voltage:24Vdc

Input:

Nominal voltage:120Vac

Nominal frequency:60Hz

Current:2.6A nominal

Voltage range:85 to 175Vac

Output:

Voltage:120Vac

Current:2.5A nominal

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

Power @ 50°C:300W/VA

> International

Battery string voltage:24Vdc

Input:

Nominal voltage:230Vac

Nominal frequency:50Hz

Current:1.4A nominal

Voltage range:150 to 328Vac

Output:

Voltage:230Vac

Current:1.3A nominal

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

Power @ 50°C:300W/VA


Performance / Features


Run time*:2 x 50Ah batteries - 2 hrs 12 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:CSA_{US}, CE**

EMI:Level A FCC, CISPR22, EN55022

NEMA:3R

**CE applies to 230Vac version only



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