

Power

Alpha Micro 300-12

UPS and Enclosure



- Compact, integrated UPS system designed to operate in extreme environments
- Provides maximum flexibility while ensuring critical loads remain protected and running during power outages and other power disturbances
- Wide range Automatic Voltage Regulation (AVR) lengthens battery life by providing protection without transferring to backup mode during voltage surge or sag
- Local and remote monitoring and control via RS232 port and optional Ethernet SNMP interface
- A wide operating temperature range of -40 to 60°C (-40 to 140°F) is suitable for most OSP operating environments¹
- Can power up to four (4) loads, up to 50W each while occupying a small 20" x 14" footprint
- Temperature compensated battery charging protects batteries from overcharging at extreme temperatures, extending the life of the battery

The Alpha Micro Series provides constant, reliable backup power for Outside Plant, 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.

1. This applies to the UPS module only. Batteries may require a heater mat at lower temperatures. Output power derates after 60°C.

Alpha Micro 300-12 UPS and Enclosure

Part Number: 017-237-27**

Electrical

Battery string voltage:24Vdc

Input:

Nominal voltage:120Vac

Nominal frequency:60Hz

Current:.....3.6A nominal, 5.4A max

Voltage range:85 to 175Vac

Output:

Voltage:12Vdc

Current:.....16Adc (4 x 4A)

Voltage regulation:+/- 1.5%

Power @ 50°C:.....200W (4 x 50W)




Performance / Features

Run time*:.....2 x AlphaCell 85GXL (50Ah) >2 hrs @ 25°C

*Runtime is contingent upon load profile, battery age and ambient temperature.

**Batteries not included. For XL and XL3 configurations, consult your Alpha representative..

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

NEMA:.....3R