



Freestanding Tower

## ALI Plus Series Uninterruptible Power Supply



- Buck and boost expansion with auto voltage regulator.
- Surge protection for fax, modem and network cables.
- Surge suppression and noise filtering.
- Fast recharge battery capability.
- RS-232 interface connector for remote monitoring and an orderly shutdown during power failure.
- Optional external SNMP for web agent or UPS expander card.
- Hot Swap battery capability.
- Multiple protocol with RUPS software included.
- DC Auto Start For convenience.

The ALI Plus UPS Series is a microprocessor-controlled, pure sine wave, line interactive UPS with an auto voltage regulator that provides safe, clean, reliable power to your sensitive electronic equipment. Both the tower and rack-mounted UPS systems incorporate fast battery recharge capability, high MTBF, and offer total power protection to a wide array of equipment. These applications include NetWare file servers, CAD/CAM stations, Windows NT servers, UNIX workstations, POS, telephone systems and other equipment for commercial or industrial applications. With true RS-232 two-way communication which sends signals to both the network and computer, the ALI-Plus UPS can be monitored, shut down, or programmed with an on/off date, using its own software. The ALI Plus UPS Series incorporates the latest UPS technology, is compact in design and certified with international quality approvals—offering excellent overall UPS value.

## Nominal Specifications

Model	Tower	ALI Plus 600	ALI Plus 800	ALI Plus 1000	—	ALI Plus 1500	ALI Plus 2000	ALI Plus 2500	ALI Plus 3000		
	19" Rackmount	—	ALI Plus 800 RM	—	ALI Plus 1250 RM	ALI Plus 1500 RM	ALI Plus 2000 RM	—	—		
	Capacity	600VA / 360W	800VA / 480W	1000VA / 600W	1250VA / 750W	1500VA / 900W	2000VA / 1200W	2500VA / 1500W	3000VA / 1800W		
<b>AC Input</b>											
	Voltage	100V / 110V / 120V or 220V / 230V / 240V Selectable						220V / 230V / 240V (CE only)			
	Voltage Range	+/- 20% @ line input, single phase									
	Frequency	50Hz or 60Hz ±5Hz (auto-sensing)									
	Unit Input Protection	Fuse or breaker for overload & short circuit protection.									
<b>AC Output</b>											
	Voltage (Nominal)	Pure sinewave @ +/-5% of nominal, -10% of nominal after low battery warning									
	Voltage Regulation	AVR automatically increase output voltage 15% above input voltage if line voltage is -9% to -20% of nominal. AVR decrease output voltage 15% below input voltage if line voltage is +9% to +20% of nominal.									
	Overload Protection	UPS automatic shutdown if overload exceeds 110% of nominal @ 20 seconds and 125% @ 2 seconds.									
	Transfer Time	2/4 ms (typical), including detection time									
	Short Circuit	UPS output cut off immediately or input fuse (or breaker) protection									
<b>Filtering</b>											
	Spike Protection	320 Joules, 2ms									
	EMI / RFI Filter	10 dB @ 0.15MHz, 50 dB @ 30MHz									
<b>Battery</b>											
	DC Voltage	24V	24V	24V	24V	36V	48V	48V	48V		
	Runtime @ 80% load	21	13	9	10	10	12	9	16		
	@ 50% load	33	21	16	17	17	19	16	25		
	Type	Maintenance-free, hot swappable, sealed, lead acid, with 3-6 years lifetime.									
	Protection	Automatic self test and discharge protection, Replace battery indicator									
	Recharge Time	Typically 4 hours to 90% after fully discharged									
<b>Alarm</b>											
	Battery Backup	Slow beeping sound (about 0.25Hz)									
	Battery Low	Rapid beeping sound (about 1Hz)									
	Overload	Continuous beeping sound									
<b>Interface</b>											
	Front Panel Indicators	LED Indicators: Overload, Backup, Replace Battery, Buck AVR, Line Normal, Boost AVR, Load Bar Graph, Power Bar Graph									
	RS-232 Interface	Bi-directional communication port									
	Software	UPSMON - UPS Power Management Software. Support for Windows95, Windows98, WindowsNT, and Novell Netware.									
<b>Environment</b>											
	Ambient Operation										
	Tower	19,600 ft. (6,000 meters) max. elevation, 0 to 95% humidity non-condensing, 0 to 40°C									
	19" Rackmount	11,400 ft. (3,500 meters) max. elevation, 0 to 95% humidity non-condensing, 0 to 40°C									
	Audible Noise @ 1m	<40dBA				<45dBA					
	Storage Condition	49,000 ft. (15,000 meters) max. elevation									
	Safety	UL, CUL, TUV, CE, FCC						CE			
<b>Mechanical</b>											
	Dimensions (W x D x H)										
	Tower in (mm)	5.5" x 17.5" x 7.9" (140mm x 445mm x 200mm)				6.7" x 17.7" x 8.5" (170mm x 450mm x 215mm)			6.7" x 22.8" x 8.9" (170 x 580 x 226)		
	19" Rackmount in (mm)	19.0" x 15.0" x 5.1" (483mm x 381mm x 130mm)									
	Weight										
	Tower lbs (kg)	30.4 (13.8)	31.9 (14.5)	33.0 (15.0)	—	55.0 (25.0)	66.0 (30.0)	66.0 (30.0)	44.4 (20.2)		
	19" Rackmount lbs (kg)	—	39.6 (18.0)	—	51.7 (23.5)	57.4 (26.1)	62.5 (28.4)	—	—		
<b>Warranty</b>											
	Type	24 month Limited Warranty									



Rack Mount

