Power

ALI Elite Series

Line Interactive UPS
Tower/19" Rack Mount Versions

19" Rack Mount
800 to 2000VA

Tower
600 to 3000VA

- Advanced Buck and Boost Function for Automatic Voltage Regulation
- Surge protected Port for FAX, Modem and Network Equipment
- Hot-Swap battery capability
- Advanced Battery Management (ABM)
- RS-232 Interface to enable monitoring and controlled shut down

The ALI Elite Series is a fully microprocessor controlled, line interactive AVR technology UPS with pure sine wave output providing safe, clean and reliable power to your sensitive electronic equipment. Available in both tower and rackmounted versions with features including fast battery recharge capability, input frequency auto sense and optional external SNMP interface. Typical applications include small servers, work stations, CAD/CAM stations, telephone systems and general office or industrial equipment.

Advanced RS-232 interface combined with AlphaMon complementary software features local utility power and UPS graphical display status, controlled system shut-down, remote administrator alert, utility power quality log and scheduled system shut down/reboot. The ALI Elite Series is fully compliant to international safety and EMC standards and offers a quality cost effective solution to your power needs.

ALI Elite Series

Specifications

Model Tower: 19" Rack Mount:	ALI Elite 600 —	ALI Elite 800 ALI Elite 800RM	ALI Elite 1000 —	— ALI Elite 1250 RM	ALI Elite 1500 ALI Elite 1500 RM	ALI Elite 2000 ALI Elite 2000 RM	ALI Elite 2500 —	ALI Elite 3000 —
Input Capacity:	600VA/ 360W	800VA/ 480W	1000VA/ 600W	1250VA/ 750W	1500VA/ 900W	2000VA/ 1200W	2500VA/ 1500W	3000VA/ 1800W
Battery DC Voltage:	24V	24V	24V	24V	36V	48V	48V	48V
Backup Time 80% Load: 50% Load:	11 20	7 14	5 10	10 21	4 9	5 10	6 12	8 15
Dimensions Tower WxDxH (mm):	140 x 436 x 210	140 x 436 x 210	140 x 436 x 210	—	170 x 450 x 226	170 x 450 x 226	170 x 450 x 226	(2x) 170 x 450 x 226
19" Rackmount WxDxH (mm):	—	483 x 381 x 130	—	483 x 381 x 130	483 x 381 x 130	483 x 381 x 130	—	—
Weight Tower (kg): 19" Rack Mount:	13.8 —	14.5 18.0	15.0 —	— 23.5	25.0 26.1	30.0 28.4	30.0 —	20.2 + 25.4 —
Environment Audible Noise:	<40dB(A) (at 1m)	<40dB(A) (at 1m)	<40dB(A) (at 1m)	<40dB(A) (at 1m)	<40dB(A) (at 1m)	<40dB(A) (at 1m)	<40dB(A) (at 1m)	<40dB(A) (at 1m)

Technical Specifications

Input
Voltage:	220V/230V/240V nominal selectable
Voltage Range:	±25% at nominal line input, single phase
Frequency:	50Hz or 60Hz, ±5Hz (auto sensing)
Unit Input Protection:	Fuse or breaker

Output
Frequency (on battery):	50Hz or 60Hz, ±0.5%
Voltage (on battery):	Pure sine wave at ±5% of nominal, -10% of nominal after low battery warning
Voltage Regulation (AVR):	AVR automatically increase output voltage 15% above input voltage if line voltage is −9 to −25% of nominal AVR decrease output voltage 15% below input voltage if line voltage is 9 to 25% of nominal

Filtering & Protection
Spike Protection:	320Joules, 2ms
Overload Protection:	Automatic shutdown if overload exceeds 110% of nominal at 20sec and 125% at 2sec
Transfer Time:	2 to 4ms (typical) including detection time
Short Circuit:	UPS output cut off immediately or input fuse (or breaker) protection

Battery
Type:	Hot swappable, sealed, maintenance free lead acid, with 3 to 5 years lifetime
Protection:	Automatic self-test and deep discharge protection, replace battery indicator
Typical Recharge Time:	4hrs (to 90% of full capacity)

Alarm
Battery Backup:	Slow beeping sound (about 0.25Hz)
Battery Low:	Rapid beeping sound (about 1.00Hz)
Overload:	Continuous beeping sound

Interface
RS-232:	Bi-directional communication port (optional SNMP network adaptor)
LED Indicators:	Overload, Backup, Replace Battery, Buck AVR, Line Normal, Boost AVR, Load Bar Graph, Power Bar Graph

Environment
Operation Conditions:	3,500m max. altitude, 0 to 95% humidity non-condensing, 0 to 40°C ambient temperature
Storage Condition:	15,000m max. altitude, 0 to 95 % humidity non-condensing, -15 to 48°C ambient temperature
Certification:	Safety (EN 50091-1, EN 60950), EMC (EN 50091-2, EN50022/B, CISPR 22)

Warranty
24 Months