

Power

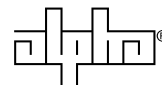
ALI Elite Series

Pure Sine wave, Line Interactive UPS



- Best value systems—models available from 700 to 3000VA
- Ideal for servers, telecom equipment, voice and data networks
- Available in two models: Rack Mount and Tower Mount
- Auto voltage regulation with boost and buck
- User accessible hot swappable batteries
- Extended runtime models available

Alpha's ALI Elite UPS is a microprocessor-controlled, pure sinewave, line interactive UPS featuring advanced Auto Voltage Regulation (AVR) with boost and buck. The AVR provides a wider input voltage operating range that results in fewer transfers and extends battery life. All Alpha ALI Elite models include graphical interfaced, user-friendly software capable of safe unattended PC shutdown. Additional features include: smart battery management, automatic frequency selection, smart communication, optional SNMP and TCP/IP base power management software.



ALI Elite UPS

Nominal Specifications

Model	ALI Elite 700T	ALI Elite 1000T	ALI Elite 1500T	ALI Elite 2000T	ALI Elite 3000T
Tower:	ALI Elite 700T	ALI Elite 1000T	ALI Elite 1500T	ALI Elite 2000T	ALI Elite 3000T
Part Number:	017-747-107	017-747-110	017-747-115	017-747-120	017-747-130
Rack Mount:	ALI Elite 700RM	ALI Elite 1000RM	ALI Elite 1500RM	ALI Elite 2000RM	ALI Elite 3000RM
Part Number:	017-747-67	017-747-61	017-747-65	017-747-62	017-747-63
Capacity (VA/W):	700VA/480W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W
Input Plug:	NEMA 5-15P	NEMA 5-15P	NEMA 5-15P	NEMA L5-20P	NEMA L5-30P
Input Protection:	Fuse	Fuse	Fuse	Breaker	Breaker
Audible Noise:	<40dBA @ 1m	<40dBA @ 1m	<40dBA @ 1m	<40dBA @ 1m	<40dBA @ 1m
Receptacles					
Tower:	4 NEMA 5-15R	4 NEMA 5-15R	6 NEMA 5-15R	6 NEMA 5-20R,	4 NEMA 5-15R, 1 NEMA 5-30R
Rack Mount:	4 NEMA 5-15R	4 NEMA 5-15R	4 NEMA 5-15R	4 NEMA 5-20R	4 NEMA 5-15R, 1 NEMA 5-30R
Battery					
DC Voltage:	24V	24V	36V	48V	48V
Runtime @ 100% Load*:	10min	7min	7min	7min	11min
Runtime @ 50% Load*:	29min	21min	21min	21min	32min
Mechanical					
Tower					
W x D x H (in):	5.5W x 17.2D x 8.3H	5.5W x 17.2D x 8.3H	6.7W x 17.7D x 8.9H	6.7W x 17.7D x 8.9H	6.7W x 22.8D x 16.9H
W x D x H (mm):	140W x 436D x 210H	140W x 436D x 210H	170W x 450D x 226H	170W x 450D x 226H	170W x 580D x 430H
Weight (lb/kg):	30.8/14	33.0/15	55.1/25	66.1/30	80/36
Approx. Ship Weight (lb/kg):	34.1/15.5	35.2/16	59.5/27	70.5/32	83.7/38
Rack Mount					
W x D x H (in):	16.9W x 15.0D x 5.1H	16.9W x 15.0D x 5.1H	16.9W x 15.0D x 5.1H	16.9W x 15.0D x 5.1	16.9W x 22.1D x 7.0H
W x D x H (mm):	429.3W x 381D x 130H	429.3W x 381D x 130H	429.3W x 381D x 130H	429.3W x 381D x 130	429.3W x 560D x 178H
Weight (lb/kg):	39.6/18	44/20	57.3/26	61.7/28	75/34
Approx. Ship Weight (lb/kg):	45.6/20.7	48.5/22	63.4/28.8	68.5/31.1	79.3/36

* Runtime for rated load

General Specifications

AC Input

Voltage (Selectable): 100/110/120V
 Voltage Range: ±25%
 Frequency: 50/60Hz ±5% (auto sensing)

AC Output

Voltage: 100/110/120V
 Frequency: 50 or 60Hz ±0.5% when on battery
 Regulation: Increase of 15% if input voltage is -9 to -25%
 Decrease of 15% if input is 9 to 25%
 Spike Protection: 320Joules, 2ms
 EMI/RFI Filtering: 10dB at 0.15MHz, 50dB at 30Mhz
 Overload Capacity: 110% for 20sec, 125% for 5sec
 Transfer Time: 2 to 4ms, including detection time
 Waveform: Sinewave

Battery

Recharge Time: <4hrs to 90% recharge of internal batteries only
 Type: Valve Regulated Lead Acid (VRLA)
 No extended battery packs (available on XL models only)

Interface

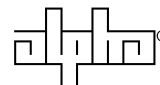
Front Panel Indicators: LED display—load level and battery capacity
 Audible Alarm: On battery—Slow beep, low battery—rapid beep,
 overload—continuous
 Communications: RS-232 with optional external SNMP

Environment

Operating Temperature: 0 to 40°C
 Storage Temperature: -20 to 48°C
 Altitude: 3500m above sea level
 Humidity: 0 to 95% non-condensing
 Safety: UL, CSA

Warranty

UPS Module and Battery: Competitive warranties included. Contact your sales representative for further details.



ALI Elite XL UPS

Nominal Specifications

Model	ALI Elite 700TXL	ALI Elite 1000TXL	ALI Elite 1500TXL	ALI Elite 2000TXL	ALI Elite 3000TXL
Tower:	ALI Elite 700TXL	ALI Elite 1000TXL	ALI Elite 1500TXL	ALI Elite 2000TXL	ALI Elite 3000TXL
Part Number:	017-747-207	017-747-210	017-747-215	017-747-220	017-747-230
Rack Mount:	ALI Elite 700RMLX	ALI Elite 1000RMLX	ALI Elite 1500RMLX	ALI Elite 2000RMLX	ALI Elite 3000RMLX
Part Number:	017-747-87	017-747-81	017-747-85	017-747-82	017-747-83
Capacity VA/W:	700VA/450W	1000VA/600W	1500VA/900W	2000VA/1200W	3000VA/1800W
Input Plug:	NEMA 5-15P	NEMA 5-15P	NEMA 5-15P	NEMA L5-20P	NEMA L5-30P
Input Protection:	Fuse	Fuse	Fuse	Breaker	Breaker
Audible Noise:	<40dBA @ 1m	<40dBA @ 1m	<45dBA @ 1m	<45dBA @ 1m	<45dBA @ 1m
Receptacles					
Tower:	6 NEMA 5-15R	6 NEMA 5-15R	6 NEMA 5-15R	6 NEMA 5-20R	4 NEMA 5-15R, 1 NEMA 5-30R
Rack Mount:	6 NEMA 5-15R	6 NEMA 5-15R	6 NEMA 5-15R	6 NEMA 5-20R	4 NEMA 5-15R, 1 NEMA 5-30R
Battery					
DC Voltage:	24V	24V	36V	48V	48V
Tower:					
Runtime @ 100% load*:	10min	23min	32min	32min	17min
Runtime @ 50% load*:	29min	56min	1Hr 8min	1Hr 18min	46min
Rack:					
Runtime @ 100% load*:	10min	23min	10min	10min	9min
Runtime @ 50% load*:	29min	56min	25min	25min	25min
Mechanical					
Tower					
(in):	6.7W x 17.7D x 8.9H	6.7W x 17.7D x 8.9H	6.7W x 18.9D x 16.9H	6.7W x 18.9 x 16.9H	6.7W x 21.6D x 16.9H
(mm):	170.2W x 449.6D x 226.1H	170.2W x 449.6D x 226.1H	170.2W x 480.1D x 429.3H	170.2W x 480.1D x 429.3H	170.2W x 548.6D x 429.3H
Weight (lb/kg):	50.7/23	66/30	94.8/46	110.2/50	125.7/57
Approx. Ship Weight (lb/kg):	52.8/24	70.5/32	108/49	116/53	132/60
Rack Mount					
(in):	16.9W x 22.0D x 5.1H	16.9W x 22.0D x 5.1H	16.9W x 22.0D x 5.1H	16.9W x 22.0D x 5.1H	16.9W x 22.0D x 7.0H
(mm):	429.3W x 558.2D x 129.5H	429.3W x 558.2D x 129.5H	429.3W x 558.2D x 129.5H	429.3W x 558.2D x 129.5H	429.3W x 558.2D x 177.8H
Weight (lb/kg):	41.9/19	41.9/19	52.9/24	59.5/27	103.6/47
Approx. Ship Weight (lb/kg):	46.2/21	46.2/21	57.3/26	63.7/29	108/49

*Runtime for rated load

General Specifications

AC Input

Voltage (Selectable): 100/110/120V
 Voltage Range: ±25%
 Frequency: 50/60 Hz ±5% (auto sensing)

AC Output

Voltage: 100/110/120V
 Frequency: 50 or 60Hz ±0.5% when on battery
 Regulation: Increase of 15% if input voltage is -9 to 25%
 Decrease of 15% if input is 9 to 25%
 Spike Protection: 320 Joules, 2ms
 EMI/RFI Filtering: 10dB at 0.15MHz, 50dB at 30mHz
 Overload Capacity: 125% for 10min, 150% for 10sec
 Transfer Time: 2 to 4ms, including detection time
 Waveform: Sine wave

Battery

Recharge Time: <4hrs to 90% recharge of internal batteries only
 Type: Valve Regulated Lead Acid (VRLA)
 Extended battery connectors included
 Extended battery packs available

Interface

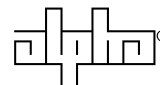
Front Panel Indicators: LED display – load level and battery capacity.
 Audible Alarm: On battery – Slow beep, low battery – rapid beep,
 overload – continuous
 Communications: RS-232 with optional dry contacts or SNMP.

Environment

Operating Temperature: 0 to 40°C
 Storage Temperature: -20 to 48°C
 Altitude: 3500m above sea level
 Humidity: 0 to 95% non-condensing
 Safety: UL, CSA

Warranty

UPS Module and Battery: Competitive warranties included. Contact your sales representative for further details.



ALI Elite XL UPS

Extended Battery Pack Runtimes for ALI Elite XL Rack Mount

Battery Pack:	ALIBP700/1000RM	ALIBP700/1000RM	ALIBP1500RM	ALIBP2/3000RM	ALIBP2/3000RM
Alpha Part Number:	033-747-08	033-747-08	033-747-12	033-747-22	033-747-22
Dimensions (in):	16.9W x 15.7D x 5.1H	16.9W x 15.7D x 5.1H	16.9W x 15.7D x 5.1H	16.9W x 15.7D x 5.1H	16.9W x 15.7D x 5.1H
(mm):	429.3W x 398.8D x 129.5H	429.3W x 398.8D x 129.5H	429.3W x 398.8D x 129.5H	429.3W x 398.8D x 129.5H	429.3W x 398.8D x 129.5H
Weight (lb/kg):	64.5/29.65	64.5/29.65	64.5/29.65	64.5/29.65	64.5/29.65
Approx. Ship Weight (lb/kg):	72.6/32.95	72.6/32.95	72.6/32.95	72.6/32.95	72.6/32.95
Internal Battery Runtime*: 50%	5hrs 34min: 700VA	5hrs 7min: 1K	3hrs 4min	2hrs 19min: 2K	1hrs 40min: 3K
Internal Battery Runtime*:100%	2hrs 35min: 700VA	2hrs 24min: 1K	1hr 31min	1hr 4min: 2K	43min: 3K

Extended Battery Pack Runtimes for ALI Elite XL Tower

Battery Pack:	ALIBP700/1000T	ALIBP700/1000T	ALIBP1500T	ALIBP2/3000T	ALIBP2/3000T
Alpha Part Number:	033-747-07	033-747-07	033-747-10	033-747-20	033-747-20
Dimensions (in):	6.7W x 18.9D x 8.5H	6.7W x 18.9D x 8.5H	6.7W x 18.9D x 8.5H	6.7W x 18.9D x 8.5H	6.7W x 18.9D x 8.5H
(mm):	170.2W x 480.1D x 215.9H	170.2W x 480.1D x 215.9H	170.2W x 480.1D x 215.9H	170.2W x 480.1D x 215.9H	170.2W x 480.1D x 215.9H
Weight (lb/kg):	69.4/31.5	69.4/31.5	56.2/25.5	69.4/31.5	69.4/31.5
Approx. Ship Weight (lb/kg):	73.9/33.5	73.9/33.5	60.6/27.5	73.9/33.5	73.9/33.5
Internal Battery Runtime*: 50%	4hrs 44min: 700VA	4hrs 43min: 1K	2hrs 59min	2hrs 57min: 2K	1hr 54min: 3K
Internal Battery Runtime*:100%	2hrs 17min: 700VA	2hrs 15min: 1K	1hr 27min	1hr 25min: 2K	50min: 3K

*Runtime for rated load

ALI Elite UPS Advantages

Line Interactive Technology

The most requested technology for UPS's between 700 to 3000VA utilizing true sine wave output.

High Speed Micro Processor Controlled

High speed microprocessor with built-in analog to digital converter decreases noise, minimizes interference, and reduces UPS fault activities.

Advanced Automatic Voltage Regulation (AVR)

Boost and buck allows the UPS to operate on a wider input voltage range than the typical line interactive UPS, which results in few transfers that will extend battery life.

Smart Battery Management

Specially designed to meet battery manufactures required charging sequence for maximum battery life. External battery pack with an internal charger allows for the fastest recharge time in the industry.

Extended Runtime Management

Designed with a robust inverter that allows for continuous inverter runtime with a variety of external battery pack options to meet specific user runtime requirements.

External SNMP/Web Card Option

Allows SNMP managers or web browsers to manage the UPS remotely through an ethernet connection.

AlphaMON Shutdown Software

Provides a user-friendly interface that displays the UPS status in a graphical format with customizable controls and sends out alerts via e-mail and wireless pagers before safely shutting down the load.

User Accessible Hot Swappable Batteries

The ALI Elite series is designed with an easy accessible hot swappable battery that eliminates sparks and ensures user safety.

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049-030-21-007 (2/06)

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