

Power

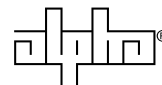
ALI Elite Series

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 sine wave, 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 user interfaced, 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
Battery Runtimes*					
Tower and Rack					
Runtime @ 100% Load:	5min	3min	3min	3min	6min
Runtime @ 50% Load:	18min	12min	12min	12min	21min
Mechanical					
Tower					
(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
(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					
(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 5.1H	16.9W x 22.1D x 7.0H
(mm):	429.3W x 381D x 130H	429.3W x 381D x 130H	429.3W x 381D x 130H	429.3W x 381D x 130H	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

*rounded to the nearest minute

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:	Sine wave

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

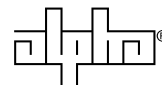
Front Panel Indicators:	LED display—load level and battery capacity
Audible Alarm:	On battery—Slow beep, low battery—rapid beep, overload—continuous
Communications:	RS-232 with optional external SNMP

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 700RMXL	ALI Elite 1000RMXL	ALI Elite 1500RMXL	ALI Elite 2000RMXL	ALI Elite 3000RMXL
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
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
Battery Runtimes*					
Tower at 50% Load					
UPS:	18min	36min	52min	52min	28min
1 EBP:	216min	201min	123min	123min	78min
2 EBP:	403min	368min	201min	201min	123min
Tower at 100% Load					
UPS:	5min	12min	18min	18min	8min
1 EBP:	92min	92min	52min	52min	28min
2 EBP:	178min	163min	92min	92min	52min
Rack at 50% Load					
UPS:	18min	36min	15min	15min	14min
1 EBP:	234min	211min	125min	102min	65min
2 EBP:	477min	416min	248min	189min	120min
Rack at 100% Load					
UPS:	5min	12min	5min	5min	5min
1 EBP:	106min	97min	54min	40min	26min
2 EBP:	211min	179min	111min	86min	51min

*rounded to the nearest minute

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:	±10% nominal
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

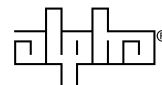
Front Panel Indicators:	LED display – load level and battery capacity.
Audible Alarm:	On battery – Slow beep, low battery – rapid beep, overload – continuous
Communications:	RS-232 with optional dry contacts or SNMP.

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.
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ALI Elite UPS

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

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

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 fewer transfers and extended battery life.

Smart Battery Management

Specially designed to meet battery manufacturer's 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. 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 easily accessible hot swappable battery that eliminates sparks and ensures user safety.



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049-030-21-009 (9/06)

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