

Power

Tetrex Series

Simulated Sine Wave Line Interactive UPS



- Best price systems – models available from 500-1500VA
- Ideal for personal computers, POS systems, and entry level servers
- Fully digitized microprocessor controlled
- Auto Voltage Regulation (AVR) with buck and boost
- Advanced battery management
- Short circuit and overload protection
- 36 month limited warranty

Alpha's Tetrex is a microprocessor controlled, simulated sine wave, line interactive UPS featuring Auto Voltage Regulation (AVR) with single boost and buck. The AVR allows the UPS a wider input voltage power rating range that results in fewer transfers and extends battery life. All Alpha Tetrex models include graphical interface, user-friendly software capable of safe unattended PC shutdown and come standard with telephone network and internet surge protection. Additional features include smart battery management, automatic frequency selection, smart communication, and power management software.



Alpha Tetrex UPS

Nominal Specifications

Model Part Number:	Tetrex 500T 017-747-16	Tetrex 800T 017-747-20	Tetrex 1000T 017-747-22	Tetrex 1500T 017-747-26
Output Capacity VA/W:	500VA / 300W	800VA / 480W	1000VA / 600W	1500VA / 900W
Receptacles: Tower:	2 NEMA 5-15R	4 NEMA 5-15R	5 NEMA 5-15R	5 NEMA 5-15R
Battery				
DC Voltage:	12V	12V	24V	24V
Runtime @ 100% load:	5 min	5 min	10 min	6 min
Runtime @ 50% load:	18 min	12 min	26 min	15 min
Mechanical				
W x D x H (in):	3.8 x 12.5 x 5.3	3.8 x 12.5 x 5.3	5.1 x 14 x 7.5	5.1 x 15 x 7.5
W x D x H (mm):	97 x 320 x 135	97 x 320 x 135	130 x 356 x 192	130 x 382 x 192
Net Weight (lbs/kg):	14.17 / 6.44	14.52 / 6.60	29.5 / 13.4	30.0 / 13.6
Approx. Ship Weight (lbs/kg):	15.27 / 6.94	15.62 / 7.10	32.6 / 14.8	33.1 / 15.0

General Specifications

AC Input	
Voltage:	100V,110V,115V,120V,220V,230V,240V ±25% at line input
Frequency:	50 or 60 Hz ±10% (auto sensing)
AC Output	
Voltage:	Simulated sine wave at 100V,110V,115V,120V,220V,230V,240V ±5%
Frequency:	50 or 60 Hz ±1 Hz
Voltage Regulation:	Output voltage boosted 15% if input is -9% to -25% of nominal. Output voltage decreased (bucked) 13% if input +9% to +25% of nominal
Transfer Time:	2 to 4 milliseconds, including detection time
Protection	
AC Transients:	480 Joules / 2ms
Overload:	UPS automatic shutdown if overload exceeds 110% nominal at 60 sec and 130% at 3 sec
Internal:	Fuse for overload & short circuit protection
Data:	RJ-11 Surge Protector
Indicator	
Indicator Alarm:	LED
On Battery:	Slow beeping sound (about 0.47 Hz)
Battery Low:	Rapid beeping sound (about 1.82 Hz)
Overload:	Continuous beeping sound
Communications:	RS-232
Environment	
Temperature:	0°C to +40°C
Altitude:	3,500 meters above sea level
Noise:	<40dBA at 1 meter
Humidity:	0-95% humidity, non-condensing
Safety:	UL, CSA, CE
Warranty	
UPS Module:	36 month limited warranty
Battery:	24 month limited warranty

For more information visit www.alpha.com

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049-030-35-001 (3/05)

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