

Power

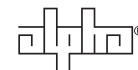
Tetrex Series

Small Business Line Interactive UPS



- Advanced Buck and Boost Function for Automatic Voltage Regulation
- USB Communication Interface
- 50/60Hz Auto Sensing
- Fully digitised microprocessor controlled
- Shut-Down Software for Windows and Novell

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 extended battery life. All Alpha Tetrex models include graphical interface, user-friendly software capable of safe unattended PC shutdown and standard with telephone network and internet surge protection. Additional features include smart battery management, automatic frequency selection, smart communication and power management software. Product applications include personal computers, epos systems and entry level servers.



Tetrex Series

Nominal Specifications

Model:	Tetrex 500	Tetrex 800
Input		
Capacity:	500VA/300W	800VA/480W
Backup Time		
at 100/50% Load:	5/10min	3/8min
Physical		
Weight (kg):	6.5	6.7
Input/Output Receptacles:	IEC 320	IEC 320

General Specifications

Input

Voltage: 220/230/240V $\pm 25\%$ at nominal line input single phase
 Frequency: 50/60Hz $\pm 10\%$ (auto sensing)

Output

Voltage (Battery Mode): Modified sine wave 220 to 240V $\pm 5\%$
 Frequency (Battery Mode): 50/60Hz $\pm 0.5\%$
 Voltage Regulation AVR: Increase output voltage 15% above input voltage if line voltage is -9 to -25% of nominal
 Decrease output voltage 13% below input voltage if line voltage is 9 to 25% of nominal
 Transfer Time: 2 to 4ms, including detection time

Filtering

Data Port: RJ 11 connector Fax, Modem and Ethernet

Protection

Overload Protection: Automatic shutdown if overload exceeds 110% of nominal at 60sec and 130% at 3sec
 Unit Input: Fuse for overload & short circuit protection
 Spike Protection: 480Joules, 2ms
 Short Circuit: UPS output cut off immediately or input fuse protection

Physical

Dimensions (mm): 97W x 320D x 135H

Battery

Type: Sealed, maintenance free lead acid batteries with 3 to 5 years typical lifetime
 Typical Recharge Time: 6hrs (to 90% of full capacity)
 Protection: Automatic self-test and deep discharge protection

Alarm

Battery Backup: Slow beeping sound
 Battery Low: Rapid beeping sound
 Overload: Continuous beeping sound

Interface

RS232: Bi-directional communication port, optional USB

Environment

Operation conditions: 3,500m max. altitude, 0 to 95% humidity non-condensing, 0 to 40°C ambient temperature
 Storage conditions: 15,000m max. altitude, 0 to 95% humidity non-condensing, -15 to 48°C ambient temperature
 Audible noise: <40dBA (1m from surface)

Warranty

24 months

Certification

TUV, CE

For contact information visit www.alpha.com

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