

Model:	Tetrex 500	Tetrex 800
Input		
Capacity:	500VA / 300W	800VA / 300W
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: 50/60 Hz $\pm 10\%$ (auto sensing)

Output

Voltage (Battery Mode): modified sine wave 220 V – 240 V $\pm 5\%$

Frequency (Battery Mode): 50/60 Hz $\pm 0.5\%$
Increase output voltage 15% above input voltage if line voltage is -9% to -25% of nominal

Voltage Regulation AVR: Decrease output voltage 13% below input voltage if line voltage is +9% to +25% of nominal

Transfer Time: 2-4 ms, 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