

Pure Sinewave UPS

LTS Series UPS

1-3 kVA



- True sinewave output
- Back up time depends on quantities of connected ext. battery packs
- Built in fast charger (upto 10A adjustable)
- Line interactive design
- Boost and buck AVR
- Hot swappable battery by users
- Fully digitized microprocessor controlled
- Smart RS-232 communication port
- Lighting and surge protection
- Short circuits and overload protection
- 50/60 Hz frequency selectable
- Smart power management with software
- Smart fan control
- Cold start (DC power on)
- Overload, on-line, battery status LED display
- Load/Battery power meter display
- Advanced battery management (ABM)
- Energy saving (UPS sleep mode)
- SNMP capability

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UNINTERRUPTIBLE POWER SUPPLY

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TECHNICAL SPECIFICATIONS

Model	LTS Series		
	1000 VA	2000 VA	3000 VA
Capacity			
INPUT DATA			
Voltage	220 / 230 / 240 V \pm 25 + N		
Frequency	50 / 60 / Hz \pm 10%		
OUTPUT DATA			
Voltage (on battery)	220 / 230 / 240 V + N		
Frequency (on battery)	50 / 60 Hz \pm 0.5%		
Voltage Regulation (on battery)	Pure sinewave at \pm 2% of nominal / \pm 5% of nominal after low battery warning		
Voltage Regulation (AVR)	AVR automatically increase output voltage 18% above input voltage if - 10% to -25% of nominal. AVR decrease output voltage 18% below input voltage if +10% to +25% of nominal.		
Waveform	Pure Sinewave		
Transfer Time	<5 ms		
GENERAL DATA			
Battery Type	Maintenance Free		
Battery Voltage	48 VDC		
Typical Recharge Time / Current	8 hours (to 90% of full capacity) / 1-10 A		
Protection	Overload, Short circuit, Battery low, Spike protection		
Protection & Filtering			
Overload Protection	UPS automatic shutdown if overload exceeds 110% of nominal at 60 seconds, 130% at 10 seconds and 150% at 3 seconds.		
Excessive Temperature Protection	80°C		
Battery High	58 VDC		
Battery Low	40 VDC		
Short Circuit (on battery)	UPS output cut off immediately or input fuse (or breaker) protection		
Spike Protection	320Joules, 2ms		
EMI/RFI Filter	0.15 Mhz: 10dB / 30 Mhz: 50dB		
LED Indicators	Indicate line, by pass, inv, fault, bat capacity, load capacity, inside temperature, fault status, load, Charging current, sleep mode		
Alarm			
Battery Back-up	Slow beeping sound (about 0.25Hz)		
Battery low	Rapid beeping sound (about 1.00Hz)		
Overload	Continuously beeping sound		
Error / Fault	Continuously beeping sound		
Environment			
Ambient Operation	0-2000 meter / 0... 95% humidity / 0...+45°C		
Audible Noise	45 dBA (1 meter from surface)		
Storage Condition	0...2000 meter		
Interface			
RS 232	Detect battery low, Schedule UPS on / off AC input / output power status display		
Option	Novell, SNMP, Windows 95/98/200/ME		
PHYSICAL DATA			
Size (WxDxH) mm	178x487x269		
Weight (kg)	36 kg	40 kg	48 kg

ELEN reserves the right to make any changes to data without prior notice.
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1According to power

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For more product information please contact.