

LTS Series UPS

2-3 KVA



"Line-Interactive"

"Sine wave"

RELIABLE & USER FRIENDLY

- ☞ Automatic voltage regulation (AVR)
- ☞ Pure sine wave output voltage on battery by 19.2kHz inverter
- ☞ 1-10A adjustable charger
- ☞ Low output voltage THD on battery (<3%)
- ☞ Low transfer time (<5ms)
- ☞ Cold start
- ☞ Energy-saving sleep mode
- ☞ Overload, short circuit, lightning and surge protection
- ☞ Extended battery life with intelligent battery management
- ☞ Battery cabinet for longer back-up time
- ☞ LED user interface
- ☞ LED battery capacity and load percentage indicator
- ☞ Battery mode, low battery capacity, overload and fault alarms
- ☞ RS232 communication
- ☞ Remote monitoring and management software
- ☞ Smart fan control
- ☞ Silent operation
- ☞ Internal battery
- ☞ Easy installation and maintenance
- ☞ 10 years spare part warranty
- ☞ 7/24 technical support and customer service

STANDARDS

- ☞ EN 62040-1 (Safety), EN 62040-2 (EMC)
- ☞ TSEK, CE, ISO 9001:2008, ISO 14001, KEMA, GOST



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2-3 KVA

TECHNICAL SPECIFICATIONS	LTS Series		
Power (KVA)	2		3
INPUT			
Voltage	220 / 230 / 240 Vac		
Voltage tolerances	-25% / +20%		
Frequency	50 / 60 Hz		
Frequency tolerances	± 10%		
OUTPUT (on mains)			
Voltage	220 / 230 / 240 Vac		
Voltage tolerances	± 10%		
Frequency	50 / 60 Hz		
Frequency tolerances	± 10%		
OUTPUT (on battery)			
Voltage	220 / 230 / 240 Vac (sine wave)		
Voltage tolerances	± 2%		
Frequency	50 / 60 Hz (selectable)		
Frequency tolerances	± 0.1%		
Power factor	0.7		
THD _v	≤ 3% (linear load), ≤ 5% (non-linear load)		
Crest factor	3:1		
OVERLOAD CAPACITY			
110%	Continuously		
125%	60 sec.		
150%	10 sec.		
> 150%	3 sec.		
GENERAL			
Technology	Line-interactive		
Control	Microprocessor		
Communication	RS232		
Transfer time	< 5ms		
Remote monitoring	UPSilon		
Cold start	Standard		
ENVIRONMENT			
Operating temperature	from 0 °C up to +40 °C (from 20 °C to 25 °C for maximum battery life)		
Relative humidity	0% - 85% (without condensation)		
Maximum altitude	2000 m		
Noise level	< 45 dB (A)		
UPS CABINET			
Dimensions (W x D x H) (mm)	175 x 485 x 265		
Weight (kg)	15		17
Degree of protection	IP20		
Colour	RAL7012		
Internal battery quantity	4		
Internal battery capacity (Ah)	7-9		
BATTERY CABINET			
Battery quantity	4	8	12
Battery capacity (Ah)	7-9		
STANDARDS			
Certificates	EN 62040-1 (Safety), EN 62040-2 (EMC)		
UPS LIFETIME	10 YEARS		

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

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