



ISO 9001 : 2008

POOYA TOSEE AFZAR

Line Interactive UPS

Pure Sine Wave

PF=0.8



LT600 Series

Features

- Pure sine wave output
- Output power factor 0.8
- DSP digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Adjustable charging current and battery shutdown point
- Settable ECO mode and no-load shutdown
- Humanized alarm system
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Intelligent battery management
- Short circuit and overload protection
- Automatic charging in OFF mode
- USB & RJ45, AS400/SNMP (optional) communication port

Line Interactive UPS / LT600 Series

Specifications

MODEL	LT610H	LT610S	LT615H	LT615S	LT620H	LT620S	LT630H	LT630S
Capacity	1000 VA / 800 W		1500 VA / 1200 W		2000 VA / 1600 W		3000 VA / 2400 W	
DC INPUT								
Rated voltage	24 V				48 V	36 V	48 V	
DC input range (default)	20 ~ 30 V				30 ~ 40 V	20 ~ 30 V	40 ~ 60 V	
AC INPUT								
AC input range	220 VAC ± 26%							
Frequency input range	50 Hz / 60 Hz (auto-sense), 50 Hz / 60 Hz ± 5% ~ 15%							
OUTPUT								
Inverter output range	240 Vac ± 5%							
AC output range	220 VAC ± 9%							
Output frequency	50 / 60 Hz ± 0.3 Hz							
Waveform	Pure sine wave							
Inverter efficiency	Max. 80%				Max. 85%			
Energy saving mode	Settable (< 3% load) , enter in 80 s							
No-load shutdown	Settable (< 3% load), shut down in 80 s							
Transfer time	≤ 10 ms							
THDV (resistive load)	≤ 5%							
Protections	Overload, short circuit (inverter), battery low voltage, battery overcharge, overtemperature							
Overload time (mains mode)	120 s for 110%, 60 s for 125%, 10 s for 150% (transfer to bypass mode)							
Overload time (inverter mode)	60 s for 110%, 10 s for 125%, 5 s for 150% (Shut down directly)							
Mute	Automatic mute in 60 s or by manual							
BATTERIES								
Charging current	Standard model (S): 1 A (default)							
	Long time model (H): 10 A (default); < 10 A, set step 1 A; ≥ 10 A, set step 5 A							
	Max. 10 A (H)		Max. 15 A (H)		Max. 20A (H)			
Equalizing charge voltage	Single battery 14.1 Vdc (default), 13.6 ~ 15 Vdc adjustable							
Floating charge voltage	Single battery 13.5 Vdc (default), 13.2 ~ 14.6 Vdc adjustable							
Low voltage alarm point	Single battery 10.8 Vdc (default), 9.6 ~ 13 Vdc adjustable							
Low voltage shutdown point	Single battery 10.2 Vdc (default), 9.6 ~ 11.5 Vdc adjustable							
COMMUNICATIONS								
USB+RJ45	Supports Windows 98 / 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10							
SNMP (optional)	Power management from SNMP manager and web browser (standard with slot)							
OTHERS								
Operating humidity	Relative humidity ≤ 93%							
Noise level	≤ 50 dB (1m)							
Dimensions (W × D × H) (mm)	144 × 347 × 215 (S / H)				144 × 412 × 215 (H)	144 × 347 × 215 (S)	190 × 467 × 336 (S / H)	
Net weight (kg)	8.9	12.2	10.4	14.2	13.2	18.5	22.5	28.1

Rear Panel

1. USB
2. Output Sockets
3. EXT Battery (optional)
4. AC Breaker
5. Input
6. SNMP (optional)
7. Fan



Pooya Tosee Afzar

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