

Smart Line Interactive UPS

LT Series-600VA to 2000VA

The "LT" Serie UPS is an advanced true sine wave line-interactive uninterruptible power system which is designed to prevent any spike, sags and blackout from reaching your sensitive equipments, ranging from computers and tele-communication systems to computerized instruments. Under normal power condition, the UPS filters out all small fluctuations. During electrical power failure, the unit employs its internal maintenance-free batteries to supply back-up power without any interruption. The UPS is equipped with any features which make both your equipments and UPS operation more reliable.

LT Series



- **Line Interactive Charger and Bi-directional Inverter**
The highest performance for protection of frequent brownout
- **Microprocessor Based Design**
Digital UPS control and automatic 50/60Hz frequency select
- **Pure Sine Wave form Output**
The cleanest, most compatible AC output for computer systems
- **Automatic Voltage Regulation(AVR)**
Provides stable power and true brownout & over voltage correction
- **Intelligent Boost and Buck**
Additional protection over an extended AC voltage window
- **Battery Diagnosis**
Self testing for limiting operation, assuring quality and longer life of battery
- **RS232 Communication**
 - Compatible for sophisticated monitoring software

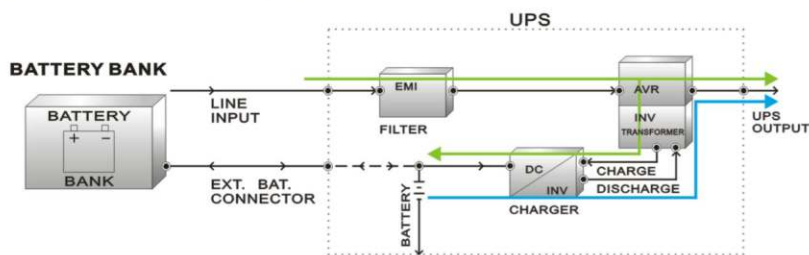
LT Back View



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SYSTEM BLOCK DIAGRAM



SPECIFICATIONS

Model	Line Interactive	LT600	LT700	LT1000	LT1400	LT1500	LT2000	
Output	VA Rating	600VA	700VA	1000VA	1400VA	1500VA	2000VA	
	Wattage	400W	470W	670W	950W	1000W	1200W	
	Current(100/115V/230V)	6A/5.2A/2.6A	-/-3A	10A/8.7A/4.3A	14A/12.1A/6A	-/-6.5A	-/-8.7A	
	Voltage(Back up)	100V/115V/230±6V						
	Frequency	50/60Hz Auto Select						
	Wave form	Pure Sinewave						
Input	Voltage	78V~ 127V/88V ~ 141V/171V~ 278V						
	Frequency	45 ~ 65Hz Autoselect						
	Boost	Yes						
	Buck	Yes						
Runtime	Full Load	22min.	18min.	External Battery				
Transfer time	Typic	5msec.	5msec.	5msec.	5msec.	5msec.	5msec.	
Battery	DC Voltage	24VDC	24VDC	36VDC	48VDC	48VDC	60VDC	
	Type (Lead Acid maintenance free)	12V/7AHx2=14AH		External Battery				
	Recharge Time	8 hours						
	Recharge Current	5A (max.)						
	Test	Auto or Test Key						
Efficiency	AC to AC	>95%min						
Audio Noise		<45 dBA						
LED Display	UPS Status	LINE,BAT,AVR,BAT-WEAK/LOW BAT						
	Load status	20%,50%,100%, OVER-LOAD/FAULT						
Audible	Alarm	Yes						
Auto Restart		Yes						
DC Start-up		Yes						
Protection	Overload	Yes						
	Over Voltage	Yes						
Approved	EMC/LVD(230V,50Hz)	EN50091-2/EN50091-1						
	Safety	TUV GS Mark EN50091-1-1,UL,CUL						
	USA FCC(120V,60Hz)	FCC PART 15						
	CNS BSMI(110V,50/60Hz)	CNS 13438						
	IMMUNITY (120V/110V/100V,50/60Hz)	IEEE 587 CLASS A						
Phone Jack	Surge Protection	RJ-11/RJ-45						
Computer Interface	LAN/RS232 Interface	Mains fail, battery low and remote shutdown UPS/RS232 communication						
Mechanical	Dimensions(W*H*D)mm	160x200x450mm						
	Net /Gross Weight (kg)	22.9/24.1	22.9/24.1	13.4/14.6	16.9/18.1	16.9/18.1	16.9/18.1	
Environment	Temperature	0°C-40°C						
	Humidity	0-95% Non-Condensing						

Specifications are subject to change without notice.

OPTIONAL

Model	HB Series Battery Bank	HB024V028AH	HB036V014AH	HB048V014AH	HB060V007AH	
BATTERY	Voltage / Capacity	24VDC/28AH	36VDC/14AH	48VDC/14AH	60VDC/7AH	
BATTERY TYPE	Lead Acid maintenance free (pcs.)	12V/7AH *8	12V/7AH *6	12V/7AH *8	12V/7AH *5	
DIMENSIONS	WxHxD mm	140x200x437mm				
N/G Weight (Kgs)		27.0/28.4	21.8/23.2	27.0/28.4	19.2/20.6	