

ON LINE UPS

LVP SERIES - 1KVA / 1.5KVA / 2KVA / 3KVA

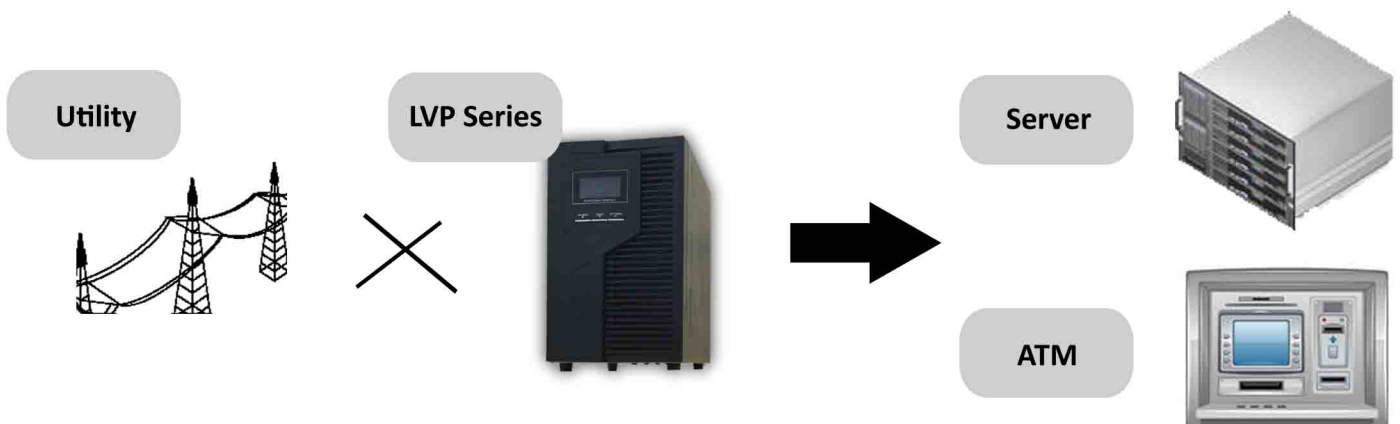


The LVP Series is double conversion system. It has high efficiency operation and superior output voltage regulation. The LVP Series has wide input range, mains voltage from 110V~300V (200V) or 50V~150V (100V), against heavy discharges ensuring the batteries are reversed for emergency condition. To be specifically, the LVP Series provides regulated power for important equipments.

FEATURE

- True Sine Wave Double Conversion UPS
- Output Power Factor 0.8
- Wide Input Voltage Range
- External Battery Bank Available
- Programmable Power Management Outlets
- Smart Battery Charger Design
- 50/60Hz Frequency Converter Mode

DEMONSTRATION



SPECIFICATION

Model		LVP-1000	LVP-1500	LVP-2000	LVP-3000
Capacity		1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W
Input	Low Line Transfer	160VAC/140VAC/120VAC/110VAC ± 5% or 80VAC/70VAC/60VAC/50VAC ± 5% (based on load percentage 100%~80% / 80%~70% / 70%~60% / 60%~0%)			
	Low Line Comeback	175VAC ± 5% or 85VAC ± 5%			
	High Line Transfer	300VAC ± 5% or 150VAC ± 5%			
	High Line Comeback	290VAC ± 5% or 145VAC ± 5%			
	Frequency Range	40Hz ~ 70Hz			
	Phase	Single Phase with Ground			
	Power Factor	≥ 0.99 @ 220VAC ~ 230VAC (input voltage)			
Output	Output Voltage	200 / 208 / 220 / 230 / 240VAC or 100 / 110 / 115 / 120 / 127VAC			
	AC Voltage Regulation	± 3% (batt. mode)			
	Frequency Range (synchronized range)	47Hz ~ 53Hz or 57Hz ~ 63Hz			
	Frequency Range (batt. mode)	50Hz ± 0.25Hz or 60Hz ± 0.3Hz			
	Overload	100% ~ 110% : Audible warning 110% ~ 130% : UPS shuts down in 30 seconds at battery mode or transfers to bypass mode when the utility is normal > 130% : UPS shuts down immediately at battery mode or transfers to bypass mode when the utility is normal			
	Current Crest Ration	3 : 1			
	Harmonic Distortion	≤ 3% THD (linear load) ≤ 6% THD (non-linear load)		≤ 4% THD (linear load) ≤ 7% THD (non-linear load)	
	Transfer Time	AC Mode to Batt. Mode : 0 Inverter to Bypass : 4ms (typical)			
	Waveform (batt. mode)	Pure Sine Wave			
	Efficiency	AC Mode	~ 85%		~ 88%
Battery Mode		~ 83%			
Alarm	Battery Mode	Sounding every 4 seconds			
	Low Battery	Sounding every second			
	Overload	Sounding twice every second			
	Fault	Continuously sounding			
Indicator	LCD Display	UPS status, Load Level, Battery Level, Input/Output Voltage, Discharge Timer, Fault			
Battery (Standard Model)	Battery Type	12V / 7AH	12V / 9AH	12V / 7AH	12V / 9AH
	Numbers	3	3	6	6
	Recharge Time	4 hours recover to 90% capacity (typical)			
	Charging Current	1.0A (max)			
	Charging Voltage	41.0VDC ± 1%		82.1VDC ± 1%	
Battery (Long-run Model)	Battery Type / Numbers	Depending on the capacity of external batteries			
	Charging Current	4.0A or 8.0A (max)			
	Charging Voltage	41.0VDC ± 1%		82.1VDC ± 1%	
Communication	RS-232 or USB	Support WIN 2000/2003/XP/2008/7 , Linux , MAC			
	SNMP (optional)	Power management from SNMP manager and web browser			
Environment	Humidity	20 ~ 90% RH @ 0~40 ° C (non-condensing)			
	Noise	Less than 45dB at 1M			
Dimension	Tower Case (DxWxH)	397 x 145 x 220mm		421 x 190 x 318mm	
	Rack Case (DxWxH)	420 x 438 x 88mm (2U)		580 x 438 x 133mm (3U)	
Net Weight	Tower Case	13kgs	14kgs	26kgs	28kgs
	Rack Case	16kgs	17kgs	29kgs	31kgs

* Long Time reserves the right to change specifications without prior notice.

Note: