

INDUSTRIAL GRADE UPS

LUV SERIES - 4KVA ~ 20KVA

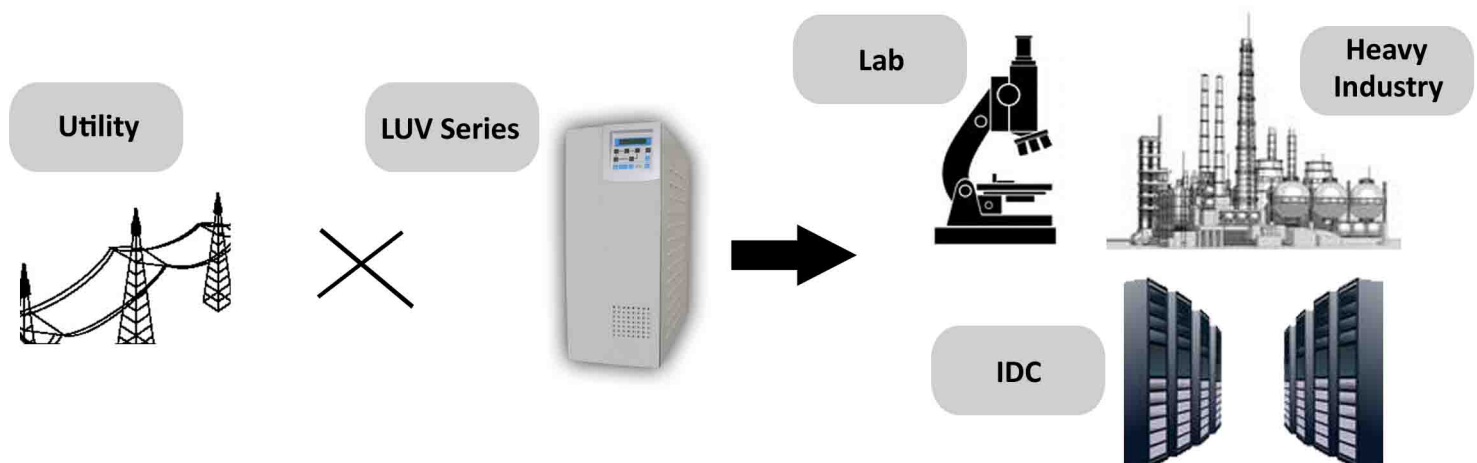
The LUV Series applied double conversion technology to rectify AC input voltage to stable direct voltage when it passes through the SCR phase control . Not only the power of IGBT but also the charge voltage of batteries that the LUV Series will supply at the same time. In addition, the LUV Series use SCR as transfer switch between AC mode and inverter mode ; this ensures transfer time is fast enough to protect your computer perfectly while AC power is outage or UPS is malfunction . Furthermore , the LCD display makes users to read operation status and control easily.



FEATURE

- Double Conversion
- DC Start Capability
- Full Protection
- External Battery Available
- Input and Output Neutral with Transformer Isolated

DEMONSTRATION



SPECIFICATION

Model		LUV-40	LUV-50	LUV-60	LUV-80	LUV-100	LUV-150	LUV-200
Capacity		4KVA	5KVA	6KVA	8KVA	10KVA	15KVA	20KVA
Input	Voltage	90 ~ 149VAC (115VAC) / 180 ~ 280VAC (230VAC)						
	Frequency	50Hz or 60Hz ± 5%						
	Phase	1P2W+G / 3P3W+G / 3P4W+G						
	Power Factor	0.8						
Output	Voltage	115VAC or 230VAC ± 2%						
	Phase	1P2W+G						
	Voltage Regulation	± 1% at linear load						
	Frequency	50Hz or 60Hz ± 0.5%						
	Waveform Distortion	Pure Sine Wave less than 3% at full load						
	Crest Factor	3:1						
	Overload Capacity	100% ~ 124% continuous, >125% for 25 seconds, >135% to bypass						
Efficiency AC to AC	>80% at battery fully charge							
Battery	Type	Rechargeable, sealed maintenance free						
	Backup Time	10 minutes at full load and 25 minutes at half load						
	Recharge Time	4 ~ 8 hours 90% after fully discharge						
Transfer Time	Main ↔ Inverter	No break						
Indicator	LCD Display	Input/Output & Battery Voltage, Frequency, Output Load, Operation Temperature						
	LED Display	Mimic display						
Audible Alarm	Mains Fail	Sounds every 4 seconds after line fails						
	Battery Low	Sounds every second when approaches battery low level						
	UPS Fault	Continuous alarm						
Protection	Short Circuit	When a short circuit occurs, the UPS will not transfer to Bypass but emit a sustained tone. Once the short circuit is removed, the tone stops and the whole system operates normally again. The UPS stops supplying power if the period of a short circuit is longer 3 seconds.						
		Lightning : Yes Surge : Yes						
Environment	Temperature	0 ° C ~ 40 ° C						
	Humidity	0% ~ 90%, non-condensing						
	Noise Level	<50dB at 1 meter						
Communication	Interface Port	RS-232 or DB9						
Dimension W*H*D(mm)	UPS	260*800*660			260 900 660	310 900 660	360*740*870	
	Battery Bank	N/A					360*740*870	
Net Weight	UPS	120kgs	130kgs	160kgs	190kgs	320kgs	190kgs	230kgs
	Battery bank	N/A					200kgs	200kgs

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

Note: