

LUV Series

The LUV Series UPS is an industrial online UPS which provides reliable and stable pure sine wave output power to your critical loads. With advanced technology of Rectifier, IGBT, PWM and CPU control, the LUV Series UPS is highly reliable. Besides, the input of LUV Series UPS applied transformer to solve the problem of utility AC power such as noise, lighting, surge, leakage current etc. Furthermore, the LUV Series UPS has an inverter at output to support connected with any kinds of loads. With its outstanding features, the LUV Series UPS provides safe, reliable and uninterrupted power to your sensitive electronic equipments at all times.



- **Low Frequency Type UPS**

Industrial on line UPS which can operate under harsh environment.

- **Input with Transformer**

Input with a transformer to solve the problem of utility AC power such as noise surge, lighting, etc.

- **Output with Inverter**

Output with inverter to support the UPS connected with any kinds of loads.

- **With Maintenance Bypass**

Built-in maintenance bypass switch to let output power uninterrupted when the UPS needs to be repaired.

- **Auto Re-charging Battery**

Auto re-charging the battery to ensure you have full capacity of the battery.

- **No Battery Start Up Function**

In case the battery is damage, the UPS can still start up normally with the Mains power.

- **DC Start Up Function**

The UPS can be start up without the Mains power.

- **Battery Self Test**

Regular battery self test to ensure you has uninterrupted power when the Mains power failure.

- **Intelligent Battery Charger**

The intelligent battery charger controls boost and floating charging voltage to protect battery.

- **With RS232 Communication Port**

Built-in RS232 to let you monitor the status of the UPS.

Demonstration



* Application to laboratory, industrial machine and medical equipment

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	1 Phase 2 Wire + G, 100VAC, 110VAC, 120VAC, 200VAC, 220VAC, 230VAC, 240VAC							
	Voltage Range	± 20%							
	Frequency	50Hz or 60Hz ± 5%							
Output	Voltage	1 Phase 2 Wire + G, 100VAC, 110VAC, 120VAC, 200VAC, 220VAC, 230VAC, 240VAC							
	Frequency	50Hz or 60Hz ± 0.5%							
	Voltage Regulation	± 1% at linear load							
	THD Distortion	<=3% at linear load							
	Crest Factor	3:1							
	Power Factor	0.8							
Battery	Voltage	192VDC (12V*16pcs)							
	Charge Current	As customer demand							
	Float Voltage	216VDC							
	Boost Voltage	227VDC							
	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							
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	Overload	100% - 124% continuous, >125% for 25 seconds, >135% to bypass							
	Lightning & Surge	Yes							
Environment	Temperature	0 ° C - 40 ° C							
	Humidity	0% ~ 95%, non-condensing							
	Noise Level	<50dB at 1 meter							
Communication	Interface Port	RS-232							
Dimension W*H*D(mm)	UPS	320*910*660					360*770*850		
	Battery	Internal battery					Depends on external battery bank		
Net Weight (kgs)	UPS (No Battery)	130	140	160	180	210	240	270	

* Product specification is subject to change without prior notice