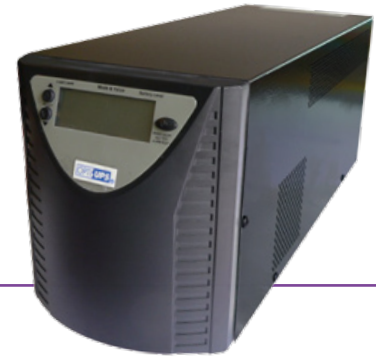


# Innovative Series



## IS1100LT / IS2200LT / IS3000LT / IS5000LT

### Features

- Smart backup time estimation for any kind of battery
- Adjustable voltage sensitivity
- Adjustable voltage-transfer points
- Adjustable charging voltage
- Generator compatible
- Automatic restart
- Smart AVR function (Two buck / boost modes)
- Intelligent double stage charging control, wet battery compatible
- Audible alarm
- Hot-swappable batteries for rack-mount models
- Network manageable (SNMP optional)
- Full function LCD or LED display
- Smart battery management
- Cold-start capable
- Thermal control cooling fan

### Specifications

Model Name	IS1100LT	IS2200LT	IS3000LT	IS5000LT	
<b>Topology</b>	Line-Interactive, Low Frequency				
<b>On-battery Output Waveform</b>	Pure Sine wave				
<b>Maximum Capacity</b>	1100VA / 660W	2200VA / 1350W	3000VA / 1800W	5000VA / 3200W	
<b>INPUT</b>					
<b>Nominal Input Voltage</b>	100 / 110 / 120Vac or 220 / 230 / 240Vac*			220 / 230 / 240Vac	
<b>Nominal Input Frequency</b>	50 / 60 Hz Auto-sensing				
<b>Input Voltage Range</b>	Rated Voltage -20%~+22%				
<b>OUTPUT</b>					
<b>Nominal Output Voltage</b>	100 / 110 / 120Vac or 220 / 230 / 240Vac*			220 / 230 / 240Vac	
<b>Output Voltage Regulation</b>	Rated Voltage ±3%(on battery)				
<b>Transfer Time (Typical)</b>	4 ms				
<b>Automatic Voltage Regulation (AVR)</b>	Yes				
<b>Start on battery</b>	Yes				
<b>Auto Restart</b>	Yes				
<b>Number of Outlets</b>	6 Battery backup (NEMA 15A) (100 / 110 / 120Vac) 6 Battery backup (IEC 10A) (220 / 230 / 240Vac)			3 Battery backup (IEC 10A) + 1 Terminal	
<b>PROTECTION</b>					
<b>Data Line Surge Protection</b>	RJ45				
<b>Surge Energy Rating</b>	220 Joules	440 Joules	660 Joules	660 Joules	
<b>Over Current Protection</b>	Circuit Breaker / Fuse				
<b>Discharge Protection</b>	Keylock				
<b>BATTERY</b>					
<b>Configuration</b>	24V / 48V (optional)	48V / 24 & 36V (optional)	72V / 24 & 36 & 48V (optional)	48V	
<b>Backup Time (Full / Half load)**</b>	Depends on overall battery capacity				
<b>Recharge Time to 90% (Typical)</b>	Depends on overall battery capacity				
<b>ADVANCED WARNINGS / DIAGNOSTICS</b>					
<b>Front Panel</b>	Load / Battery / Operation				
<b>Audible Alarms</b>	Battery Low / Battery Over Voltage / Overload / Overheat / Short Circuit Current				
<b>COMMUNICATION INTERFACE</b>					
<b>Communication Port</b>	RS232 (USB port is optional)				
<b>ENVIRONMENTAL</b>					
<b>Operation Temperature</b>	0~40°C / 32~104°F				
<b>Storage Temperature</b>	-15~55°C / 5~131°F				
<b>Relative Humidity</b>	0~95% Non condensing				
<b>Audible Noise</b>	≤50 dBA				
<b>PHYSICAL</b>					
<b>Dimensions</b>	<b>Physical / Packing (in)</b>	17.6×7.8×7 / 21×11.7×12.9			
	<b>L×W×H (mm)</b>	447×198×178 / 533×327.7×297.2			
<b>Weight (Net / Gross)</b>	<b>lbs</b>	33.1 / 35.3	42 / 44.2	50.8 / 53	88.4 / 92.8
	<b>kg</b>	15 / 16	19 / 20	23 / 24	40 / 42

Specifications are subject to change without notice.

\* Models of these nominal voltages are available, however each model is preset to a certain nominal voltage, which is not user-changeable.

\*\* Backup time depends on the battery packs (capacities) requested.

### Front Panel



- 1 Selection Button for mode & value
- 2 LCD Screen
- 3 Main Control Button

### Rear Panel

#### IS5000LT



- A RS-232 Interface port
- B Output
- C Data-line protection (RJ-45, Optional)
- D Input
- E Circuit Breaker
- F Extended Battery
- G Connector
- H USB port (Optional)