

Innovative Series



PC & WORKSTATION

SOHO & WORKSTATION

NETWORK & SERVER

DATA CENTER & FACILITY

SOFTWARE

HOME & OFFICE
APPLIANCES

FACTORY & AUTOMATION
EQUIPMENT

IS2000LR / IS2700LR / IS4000LR / IS5000LR

Features

- Generator compatible
- Automatic restart
- Smart AVR function (Two buck / boost modes)
- Smart backup time estimation for any kind of battery
- Adjustable voltage sensitivity, voltage-transfer points, & charging voltage
- Intelligent double staged charging control. Wet battery compatible
- Cold-start capable
- Audible alarm
- Network manageable (SNMP optional)
- Full function LCD display
- Smart battery management
- Thermal control cooling fan

Specifications

Model Name	IS2000LR	IS2700LR	IS4000LR	IS5000LR
Topology	Line-Interactive, Low Frequency			
On-battery Output Waveform	Pure Sine wave			
Maximum Capacity	2000VA / 1250W	2700VA / 1700W	4000VA / 2500W	5000VA / 3200W
INPUT				
Nominal Input Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac*			220 / 230 / 240Vac
Nominal Input Frequency	50 / 60 Hz Auto-sensing			
Input Voltage Range	Rated Voltage -20% ~+22%			
OUTPUT				
Nominal Output Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac*			220 / 230 / 240Vac
Output Voltage Regulation	Rated Voltage $\pm 3\%$ (on battery)			
Transfer Time (Typical)	4 ms			
Automatic Voltage Regulation (AVR)	Yes			
Start on battery	Yes			
Auto Restart	Yes			
Number of Outlets	1 x 3P Terminal + 1 Battery backup (IEC 10A)			
PROTECTION				
Surge Energy Rating	440 Joules	440 Joules	660 Joules	660 Joules
Over Current Protection	Circuit Breaker / Fuse			
Discharge Protection	Keylock			
BATTERY				
Configuration	48V / 24V(optional)		48V / 72V(optional)	
Backup Time (Full / Half load)**	Depends on overall battery capacity			
Recharge Time to 90% (Typical)	Depends on overall battery capacity			
ADVANCED WARNINGS / DIAGNOSTICS				
Front Panel	Load / Battery / Operation			
Audible Alarms	Battery Low / Battery Over Voltage / Overload / Overheat / Short Circuit Current			
COMMUNICATION INTERFACE				
Communication Port	RS232 (USB port is optional)			
ENVIRONMENTAL				
Operation Temperature	0~40°C / 32~104°F			
Storage Temperature	-15~55°C / 5~131°F			
Relative Humidity	0~95% Non condensing			
Audible Noise	≤40dBA			
PHYSICAL				
Dimensions	Physical / Packing (in)	17.6×17.6×5.2 / 23×23×12.9		18.7×18.7×6.9 / 25×23.4×15.6
	L×W×H (mm)	447×447×132 / 584×584×327.7		475×475×176 / 635×594.3×396
Weight (Net / Gross)	(lbs)	57.5 / 66.3	57.5 / 66.3	75.1 / 84
	(kg)	26 / 30	26 / 30	34 / 38

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.

