

LC-4000-24 / LC-6000-48 / LC-8000-48

4000W / 6000W / 8000W LCD Pure Sine Wave Power Inverter with built-in AC charger

Character:

- ★ LCD display
- ★ Multistage charger
- ★ Fast Action AC Synchronized Transfer Switch
- ★ Microprocessor based design
- ★ Heat-Sink built in internal
- ★ Soft Start
- ★ AVR design
- ★ Input & Output isolated
- ★ Auto temperature control fan
- ★ Reverse polarity protection / by fuse / diodes /
- ★ Output short circuit protection
- ★ Temperature protection
- ★ Overload protection
- ★ Input low voltage protection
- ★ Input high voltage protection
- ★ Low battery alarm
- ★ Low battery shut-down



Description:

- ☆ PURE SINE WAVE inverter with built in AC Charger and LCD Display
- ☆ Connect batteries and operate it as UPS.
- ☆ This unit will be a UPS unit.

Specifications:

Model No.	LC-4000-24	LC-6000-48	LC-8000-48
Output Power Continuous	4000W	6000W	8000W
Max. Surge Power	8000W	12000W	16000W
1. Input Section			
Input Nominal Voltage	110Vac or 220Vac		220Vac only
Input Voltage Range	60V~140Vac or 120V~280Vac		120V~280Vac
Line Low Transfer	60Vac ± 2% or 120Vac ± 2%		120Vac ± 2%
Line Low Return	65Vac ± 2% or 130Vac ± 2%		130Vac ± 2%
Line High Transfer	140Vac ± 2% or 280Vac ± 2%		280Vac ± 2%
Line High Return	130Vac ± 2% or 260Vac ± 2%		260Vac ± 2%
Input Frequency	50Hz / 60Hz (45Hz~70Hz)		50Hz / 60Hz (45Hz~70Hz)
2. Output Section			
Output Voltage	100 / 110 / 115 / 120Vac or 200 / 220 / 230 / 240Vac re-settable via LCD panel		200 / 220 / 230 / 240Vac re-settable via LCD panel
Waveform	Pure Sine Wave		
Voltage Regulation (Batt. Mode)	< 3% RMS for entire battery voltage range		
Output Frequency	50Hz or 60Hz ± 0.1Hz		
Efficiency	> 80%		
Maximum Load	Up to short circuit		
Asymmetrical Load Max.	Up to nominal output power		
Overload and Short Circuit Protection	Automatic disconnection		
Overheating Temperature Protection	Acoustic warning before shut-off. Automatic restart		
Power Factor	0.80	1.00	1.00
3. Battery Section			
Voltage Range	24VDC (20~32VDC)	48VDC (42~62VDC)	48VDC (42~62VDC)
Backup Time (at full load)	Long time available		
Input Frequency Range	45~70Hz		
Max. Charging Current (3 steps selectable)	60 / 80 / 100Amp	60 / 80 / 100Amp	60 / 80 / 100Amp
4. Display			
LCD Display	UPS status, I/P & O/P Voltage Frequency, Load%, Battery Voltage & %, Temperature, Model		
LED Display	Normal (Green), Warning (Yellow), Fault (Red)		
5. Audible Alarm			
Battery Mode	Beeping every 4 seconds		
Low Battery	Beeping every second		
Overload	Beeping twice per second		
Temperature Compensation (Option)	3mV / °C cell		
6. General date			
AC By Pass Time (UPS Mode)	< 8 ms.		
Operation Temperature	-20 °C to +55 °C		
Audible Noise	Less than 55dBA (at 1M)		
Relative Humidity	0-95% non-condensing		
Dimensions (L x W x H mm)	600 x 415 x 260	600 x 415 x 260	600 x 415 x 260
Weight (by Kg/s)	49.20	51.40	55.00