

TRUE ON-LINE U.P.S. 3.75 ~15KVA

SINGLE PHASE OR THREE PHASE INPUT

SINGLE PHASE OUTPUT



LF-1037 / 3.75KVA
LF-1060 / 6KVA

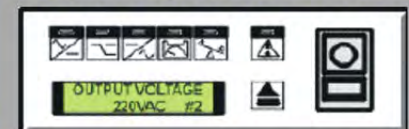


LF-1080 / 8KVA
LF-1100 / 10KVA



LF-1150 / 15KVA

FRONT CONTROL PANEL



Features & Advantages

- ⊙ Double conversion, true on-line , IGBT module UPS
- ⊙ 20KHZ PWM inverter
- ⊙ User friendly status LCD display and simple operation
- ⊙ Unique wide input voltage range
- ⊙ Special air-flow control, suitable for any dirty operation environment
- ⊙ Easy installation and maintenance
- ⊙ Compact size and light design
- ⊙ The CCCV (Constant Current Constant Voltage) charger design
- ⊙ MTBF (Mean Time Before Failure) > 80000hrs
- ⊙ CE Approved
- ⊙ Full Protection
 1. Overload Protection
 2. Short Circuit Protection
 3. Overload Constant Power Protection
 4. Static Switch Protection
 5. Over Temperature Protection
 6. DC BUS start-up with current protection
 7. This series could be connected with generator.

3KVA TO 15KVA UPS SPECIFICATIONS

Input	Voltage	3.75~10KVA / single phase 110/220Vac -20% +35% 10~15KVA / three phase 3W 220Vac-20% +20% or 4W 380Vac-25% +30%
	Voltage Range	-15% +25% or-30% + 40% (Input adding AVR function)
	Frequency	50Hz or 60Hz +/- 5%
Output	Voltage	single phase 220Vac +/- 5% (adjustable)
	Frequency	50Hz or 60Hz
	Voltage Regulation	+/- 1%
	Frequency Stability	+/- 0.5% (Free Running)
	Transient Response	+/- 3% (100% load variation)
	Waveform	Sinewave THD < 3% at 0 -100% linear load
	Overload Capacity	120% load 30 seconds, >150% constant power.
	Power factor	0.7-1, lag
Battery	Voltage	192Vdc
	Charger	1A charger build in
Efficiency	AC to AC	>85%
Transfer Time	AC Fault	Zero
Protection	Battery	Battery low shutdown and breaker
	Overload	150% 30sec. switch to bypass line & automatic re-transfer
	Short Circuit	Current Limited and cut-off and fuse and breaker
	UPS Fault	Bypass, load supplied from mains less than 2ms.
	EMI/EMC	EN50091-2, CE Approved
Audible Alarm	Mains Failure	Sounding every four seconds after mains fail, 90 seconds mute
	Final Discharge	Sounding once every second as battery approaches
	Overload	Continuously
	UPS Fault	Continuously
Indicator	LCD	UPS status, I/P&O/P voltage, I/P&O/P frequency, Battery voltage, Loading %, History record
	LED	Utility LED (green), Inverter LED (green), Battery Low (yellow) Bypass voltage (yellow) Fault LED (red), Overload (yellow)
Interface	Contact Closure	Support MEGATEC RUPS UPS monitoring software
	RS-232	Support MEGATEC RUPSII / UPSilon 2000 monitoring software
Environment	Operation Temperature	0-40 degree C; 32 -104 degree F
	Relative Humidity	20-90% non -condensing
	Audible Noise	Less than 45dB (at 1 meter)
Physical	Net Weight (KGS/LBs)	104 KGS (3.75KVA) 111 KGS (6KVA) 158KGS (10KVA) 200KGS without battery (15KVA)
	Dimension(WXHXD)mm	230 x 685 x 578 (3.75KVA & 6KVA) with battery 480 x 845 x 340 (10KVA) w/o battery 480 x 885 x 380 (15KVA) w/o battery

● Specifications are subjected to change without prior notice.