

Low Frequency Online UPS

LFT 800 Series

1kVA~30kVA

Secure Power Supply, Wherever it's needed.....

For CNC Machines, Data Processing center, Computer Center, ISP, Banking, Medical & Motor Loads

Secure Power Supply, wherever irreplaceable data loss, production loss & electrical downtime are serious issues, especially as main power is subject to numerous short & long disturbances.

Specialising in critical application power supplies, AIRKOM UPS provides effective protection of sensitive equipment against disturbances affecting the quality of the electrical network.

Salient Features

- True on-line dual conversion design
- Sine wave pulse width modulation (SPWM)
- Isolation transformer provided at output
- IGBT inverter design
- Wide Input voltage window
- True sine wave output with less than 3% THD
- Extendable backup time
- Generator compatible
- Cold start
- EMI/RFI filter
- Load / battery capacity display
- Overload, on-line, battery status LED/LCD display
- Advanced Battery Management
- Zero transfer time
- RS 232 output
- Optional SNMP card

Airkom Electronics Pvt. Ltd (AEPL) is a part of AIRKOM GROUP. It has its Head Office and Factory at Navi Mumbai. Established in 1987, Airkom has its operations across the country. AIRKOM range of power conditioning products are manufactured, marketed and serviced by a young and dynamic team of engineers lead by a technocrat over 40 years experience.



Application

- Small office network applications
- Network devices: hubs, routers, bridges
- Telecom equipment units
- CNC Machines
- Voice mail and e-mail servers
- Bio Medical Test and diagnostic equipments
- Engineering network servers
- Process automation & control equipment
- Mission critical LAN & WAN Servers e.t.c.

Airkom UPS Range

HFT 900 Series	: 1 to 10 kVA
HFR 900R Series	: 1 to 10 kVA
LFT 800 Series	: 1 to 30 kVA
LFT 890 Series	: 10 to 400 kVA

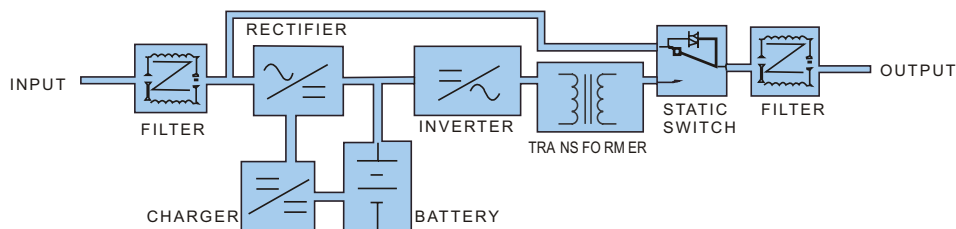
- Servo Controlled Voltage Stabiliser (SCVS)
- Uninterrupted Power Supply (UPS)
- Static Control System (SCS)
- Power Saver Unit (PSU)
- Industrial Automation - Drives, Motion & Control
- Isolation / Ultra Isolation Transformer
- Step Down / Step Up Transformer
- After Sales Support

AIRKOM®

Low Frequency Online UPS

LFT 800 Series

Uninterrupted Power Supply System

Block Diagram


Specifications

Model	LFT 801	LFT 802	LFT 803	LFT 804	LFT 806	LFT 808	LFT 810	LFT 815	LFT 820	LFT 830
Capacity	1 KVA	2 KVA	3 KVA	4 KVA	6 KVA	8 KVA	10 KVA	15 KVA	20 KVA	30 KVA
Real Power Rating	700W	1400W	2100W	2800W	4200W	5600W	7000W	10500W	14000W	21000W
Input										
Voltage Range	220VAC±25% 380VAC±20%									
Frequency	50/60Hz±5%									
Phase	Single Phase +N / Three Phases +N									
Output										
Waveform	True Sine Wave									
Voltage Range	200VAC±1%									
Frequency	50/60Hz±0.5%									
THD	<3%(Linear Load)									
Short Circuit Protection	Current Limitation, Shutdown Automatically									
Overload Capability	Overload(110%~150%), Transfer to Bypass after 20s, Automatically Recover when the Load Comes back to Normal.									
Battery										
Type	Sealed Lead-Acid, Maintenance-Free									
DC	48VDC	48VDC(192V Optional)	192VDC							
Charge Current	5.0A									
Charge Time	90% Capacity after 8 Hours									
System										
Control Technology	SPWM									
Overload	125% for 1Min 150% for 1s									
Transfer Time	0ms									
Efficiency	>85%									
Display										
LCD	Operating Mode, I/P and O/P Voltage, I/P and O/P Frequency, Battery Voltage, Load Percentage, UPS Internal Temperature									
LED	Low Battery, Online, Inverter, Bypass, Abnormal									
Communication	RS 232									
Monitoring Function	1.Power 2.UPS Shutdown 3.Monitor UPS Status 4.UPS Self-test 5.Auto-save Files									
Protection	Short circuit, Over-temp, Battery Low, Output Low, Surge									
Audible Noise	<60db(1Meter)									
Environment										
Temperature	0~40°C									
Humidity	0%~95%									
Net Weight (No Battery)	35kg	57kg	68kg	62kg	66kg	100kg	110kg	200kg	245kg	300kg
Dimension(WxDxH)mm	210x490 x 500	210 x 580 x 540	230 x 540 x 570	305 x 585 x 870	380 x 700 x 980	430 x 810 x 1100				
Audible Noise										

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication
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