

Low Frequency Online UPS

LFT 890 Series

10 kVA ~ 200 kVA

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

For Textile Machines, CNC Machines, ISP, Banking, Medical & Motor Loads

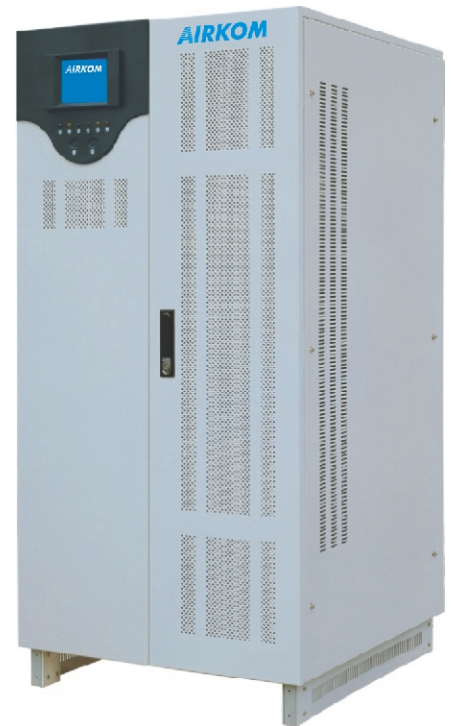
Secure Power Supply, wherever irreplaceable data loss, production loss & electrical downtime are serious issues, especially as main power is subject to numerous short & long disturbances.

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
- Sinewave 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

- Textile machinery
- CNC machinery
- Small office network applications
- Network devices: hubs, routers, bridges
- 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

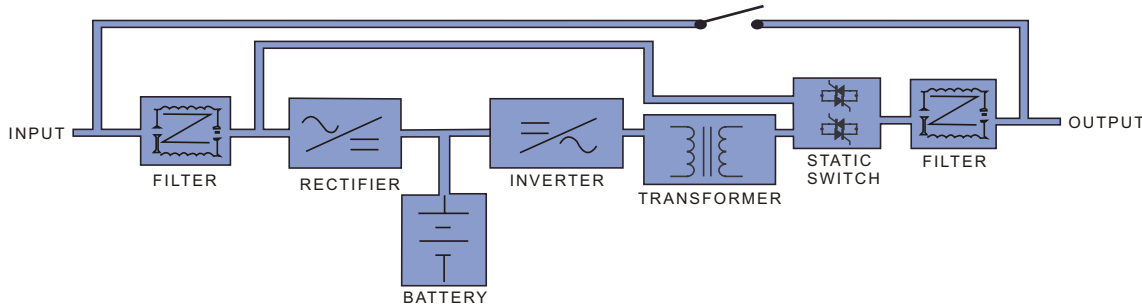
AIRKOM®

Low Frequency Online UPS

LFT 890 Series

www.airkomgroup.com

Block Diagram



Specifications

Model	EA8910	EA8915	EA8920	EA8930	EA8940	EA8960	EA8980	EA89100	EA89120	EA89160	EA89200				
Rating	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA				
Operating Mode and Principle															
True on-Line, Static Bypass(Uninterruptible Switch), Dual Conversion, Output Galvanic Isolation															
AC Input															
Phase	3 Phases + N + G														
Voltage	380V ± 25%														
Frequency	50/60Hz ± 5%														
P. F.	0.92														
Soft Start	0~100% 5s														
Bypass Input															
Phase	3 Phases + N + G														
Voltage	380V ± 25%														
Frequency	50/60Hz ± 5%														
Transfer Time	0ms, Inverter/Bypass (Overload)														
DC System															
Voltage	360V (Rated Voltage)														
	405V (Float Charge Voltage)														
	315V (Shutdown Voltage)														
Current	28A	42A	56A	85A	113A	169A	225A	282A	338A	381A	507A				
Charge Current	1A~30A (Adjustable, Depend on battery)														
AC Output															
Phase	3 Phases + N + G														
Voltage	380V ± 1%(Stable Load); 380V ± 5% (Fluctuated Load)														
Frequency	50~60Hz ± 0.05Hz (Battery Mode)														
P. F.	0.8														
Wave	True Sine Wave														
Distortion	Total Harmonic Distortion: <3%(Linear Load); <5%(Non-Linear Load)														
Time	Transient Recovery Time:<10ms														
Overload	123% for 10 Minutes; 150% for 1 Minute														
Cooling	Forced Wind														
System															
Efficiency	91%					95%									
Interface	RS 232, SNMP (Optional)														
Temperature	0~40°C (Operating)														
Humidity	30~90%														
Optional	Harmonic Suppression Filter														
	Two Modules Parallel														
Noise(db)	48~60			53~65			53~65			60~65					
Dimension (mm)	450x730x1140			450x855x1140			710 x 855 x 1500			1100x860x1680			1800x1100x1680		
Net weight (Kg)	208	220	240	316	334	650	900	950	1050	2100	3200				
Pac king Dimension	520x800x1300			520x930x1400			780 x 940 x 1660			1180x940x1850			1880x1180x1850		
Gross weight (Kg)	232	248	265	346	364	695	965	1015	1115	2195	3295				

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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