The Trusted Indian Brand For Power Solutions

AIRKOM®

Uninterrupted Power Supply System

TRUE ONLINE DSC BASED UPS

HIGHLY RELIABLE AND EFFICIENT ONLINE UPS SYSTEM

HFT 900 SERIES UPS : 1 KVA - 10 KVA
[1 PHASE]

THE EXCELLENT POWER PERFORMANCE AND HIGH SYSTEM AVAILABILITY OF THE HX SERIES PROVIDE CUSTOMERS WITH THE BENEFITS OF A STABLE POWER SUPPLY, HIGH POWER EFFICIENCY, LOW CAPITAL INVESTMENT AND LOW OVERALL OPERATION COST.



Metro
Medical
Lab
Security
Network
Industrial
Telecom
Data Center

Salient Features

- High frequency and dual conversion on-line technology
- Wide input voltage range
- Digital Control technology
- Advanced PFC Technology
- Self-diagnosis at UPS startup
- Advanced battery management (ABM)
- Cold start feature (DC Power on)
- Automatically charging batteries in UPS off mode
- Lightning and surge protections
- Short Circuit and overload protections
- Fan speed automatically changes as load varies
- Optional external battery pack
- EMI/RFI noise filter
- RS 232 output
- Shutdown & restart schedule

Speciality of HFT 900 Series : Nominal voltage, nominal frequency & by-pass voltage range can be adjusted via LCD panel

Parallel Redundancy (6 - 10 kVA)

- Upto 2 units can be Parallel for power redundancy and load sharing
- Highest reliability and maximum performance for power sharing and redundancy.

UNMATCHED BEST-IN-CLASS EXTENDED SUPPORT

Airkom comprehensive warranty & AMC is the best in the industry. At Airkom, we stand behind the products we build. That's why we have the longest, most comprehensive extended warranty/AMC** in the business, offering up to 5-year, including both spares & labour. **Warranty details available at www.airkomgroup.com

PAN INDIA REACH

Airkom Electronics Pvt Ltd is a leading provider of power protection product and service solutions including Servo Stabilizer, Static Stabilizer, Online UPS, Inverter, Ultra Isolation Transformer, Electrical Control Panel, APFC Panel, Power Saver Unit, Solar Power Pack System, Battery banks etc.

Part of the Airkom Group, Airkom Electronics Pvt Ltd has established an enviable reputation based on passion, quality, innovation, reliability and integrity for power protection technology, service excellence, complete customer satisfaction and confidence unmatched within the industry.

Airkom has a diverse customer base which includes the Telecom, Textile, CNC & Automobiles, Petroleum, Retail Chain, Printing, Packaging, Medical, IT, Financial services, Government and other manufacturing industries.

- Servo Controlled Voltage Stabilizer
- Static Voltage Stabilizer
- Static Frequency Voltage Regulator
- True Online UPS
- Static UPS / Inverter
- Ultra Isolation & K-Rated Transformer
- Constant Voltage Transformer
- APFC Panel
- Electrical Control Panels
- Solar Roof-Top System
- Solar PCU / Inverter
- Energy Saver Unit

CERTIFIED QUALITY MANAGEMENT SYSTEM ISO 9001:2015

20 YEARS Since 2003

High Frequency Online UPS

HFT 900 Series

Uninterrupted Power Supply System

Block Diagram

1. Overcurrent Protection
2. AC Input
3. Modem / Tel / Fax
4. DC Input
5. Outlet
6. FAN
7. RS 232
8. SNMP (Optional)
9. Parallel Card(Optional)
10. Manual Bypass(Optional)
11. Breaker
12. Terminal

◆ Rear Panel





Specifications

Model	HFT 901	HFT 902	HFT 903	HFT 906	HFT 910
Capacity (Linear Load)	1KVA/800W	2KVA/1600W	3KVA/2400W	6KVA/4800W	10KVA/8000W
Input					
Voltage Range	176~280Vac @ 100% load				
Frequency Range	45.5Hz~54.5Hz				
Power Factor	⩾0.98				
Output					
Voltage	220/230/240V±1%				
Frequency	50/60Hz±0.5				
Distortion	<3%(Linear Load; <5%(Non-linear Load)				
Waveform	True Sine Wave				
Efficiency	Upto 91%				
Overload Capability	110%~150%; Switch to Bypass after 1Min; >150%; Shut down after 200ms			110%~150%: 10Min; >150%:1Min	
Crest Factor	3:1				
Short Cicuit	UPS turn off output and alarm				
Battery					
Model	12V sealed lead acid maintenance Free				
Voltage	36VDC	96VDC		240VDC	
Configuration	3x12V/7AH	8x12V/7AH		20x12V/7AH	20x12V/9AH
Recharge Time	90% capacity after 8hrs charging				
Charge Current	Standard Model:1A; Long time Model:6A			Standard Model:1A; Long time Model:6A	
Others					
Communication Interface	RS232; SNMP(optional)				
LCD and LED	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Frequency, UPS Fault Indicator				
Audible Alarm-Battery Discharge	Utility Failure, Beep/4s; Battery Low, Beep/1s				
UPS Abnormal	Continuous Beep and Red LED on				
Noise Level	<55dB				
Ambient Temperature	0°C~40°C				
Humidity	10%~90%				
Dimension (mm)	145W x 215H x 415D	190W x 330H x 470D		260W x 730H x 560D	
Net weight (Kg)	6.5KG(H), 12.3KG(S)	13.2KG(H), 28KG(S)		40.5KG(H), 86.3KG(S)	
Packing Dimension	236W x 316H x 492D	337W x 482H x 602D		355W x 815H x 650D (H)	
Gross weight (Kg)	7.6KG(H), 13.3KG(S)	14.5KG(H), 29.3KG(S)		42.8KG(H), 93.6KG(S)	

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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For more product information please contact us:
AIRKOM ELECTRONICS PVT. LTD.
Plot No EL-181, TTC Industrial Area, MIDC,
Mahape, Navi Mumbai - 400 709, Maharashtra
HELPLINE WhatsApp
Sales : +91 9323863400 info@airkomgroup.com
Service : +91 9320755013 service.ho@airkomgroup.com
www.airkomgroup.com

PAN INDIA REACH

Our Sales & Service Network :

Ahmedabad	Delhi	Kolhapur	Raipur
Amritsar	Dhanbad	Kolkatta	Rajkot
Aurangabad	Guwahati	Lucknow	Tirunelveli
Bangalore	Hyderabad	Ludhiana	Tirvandram
Belgaum	Indore	Madurai	Trichy
Bhopal	Jabalpur	Mumbai	Vadodara
Chennai	Jammu	Mysuru	Vapi
Coimbatore	Kochi	Pune	Vijayawada

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