The Trusted Indian Brand For Power Solutions

AIRKOM®

HIGHLY RELIABLE AND EFFICIENT ONLINE UPS SYSTEM

HX SERIES



TRUE ONLINE DSC BASED UPS

HX SERIES UPS : 10 KVA - 400 KVA
[3 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.

The AIRKOM HX Series Uninterruptible Power Supply (UPS) uses double conversion topology that resolves all utility power problems and supplies clean, continuous, uninterruptible power to connected equipment. Whether you're selecting a UPS for a branch office, manufacturing floor, medical facility, or a large data centre, there's a HX Series model that delivers just the right combination of performance and price for your needs.

The HX Series is constantly monitoring power conditions regulating both voltage and frequency. Even when presented with the most severe power problems, this UPS's output remains within two percent of nominal voltage. With a wide input voltage range, the HX does not depend on batteries to smooth out minor power fluctuations. Batteries are conserved for those times when utility power is highly unstable or completely out. If an outage occurs, the HX transfers to battery with zero interruption in power, making this an ideal UPS for sensitive and critical equipment.

HX Series UPSs offer the highest level of power protection available and are always recommended for mission-critical applications like Industrial Automation, Data Centers / IT Servers, Telecom, Process Automation & Control Equipment, Banks & Financial services and Health Care Equipments etc.

Features & Benefits

- On-line double conversion Topology: makes your load independent from both main's voltage and frequency
- Advanced Digital Signal Controller (DSC) technology to ensure higher system reliability
- Built-in Isolation Transformer
- Highest Protection from all potential power problems
- Wide input voltage and frequency range against harsh utility environment
- Excellent Voltage Regulation & 100% unbalanced load suitability
- High efficiency performances: lower cost of ownership
- Highly Reliable, Rugged Construction & Compact Design
- Intelligent charger design to prolong battery lifetime
- Power output protected against overload and short circuit enhancing system safety under extreme conditions; Investment Protection.
- User-friendly LCD Screen
- Intelligent battery management for automatic battery maintenance and prolonged battery life
- Sealed duct and redundant fan design, offering outstanding protection from harsh environment
- Ease of installation and maintenance
- Smallest Overall Size and footprints to save floor space
- N+1 parallel redundancy for power safety and reliability

A new generation of agility

Metro
Medical
Lab
Security
Network
Industrial
Telecom
Data Center

"Protection For Your System, Peace Of Mind For You"

- 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

HX SERIES UPS: 10 KVA – 400 KVA

ONLINE UPS - HX SERIES - 3 PHASE INPUT - 3 PHASE OUTPUT

TECHNICAL SPECIFICATION

Model	HX3
Rating	10 - 400 KVA
AC Input	415 (± 15%) - 3Ph - 3w
Frequency	50Hz ± 6%
DC Voltage	360/384VDC
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC (Constant Current Constant Voltage type)
Inverter	
Technology	DSP based, IGBT Switching
Output Voltage	380 / 400 / 415 V, AC 3 phase
Voltage Regulation	±1%
Frequency	50Hz ± 0.1Hz
Waveform	PWM Sine wave
Harmonic Distortion	Less than 3% on Linear Load
Inverter Efficiency	Upto 93%^ > 30 kVA
Power Factor	0.8 (Optional 0.9)
Overload	110 % for 1 min, 150% for 30 sec
Crest Factor	3:1
Phase Displacement	120° ±1°
Audible Noise	Less than 65 dB at 1 Meter
Display	
Digital LCD Display for	R,Y,B Output Voltage, Output current & Frequency, DC Voltage Battery, Load Percentage and all faults
Indications & Alarms	
a) Mains on	LEDIndication
b) Inverter	LEDIndication
c) Batt Low	LEDIndication & Alarm
d) Fault	LEDIndication & Alarm
e) Overload	LEDIndication & Alarm
General	
Operating temperature	0°C to 40°C
Humidity	Max 95%, Non-condensing
Protections	Output Overload & Short circuit, Output UV & OV, DC Under & Overvoltage, Mains Under & Overvoltage, Mains Single Phasing
Optional	
Communication	SNMP
Bypass	Static Switch

^ Inverter Efficiency - Upto 90% < 30 kVA
*Specification can be customized to suit specific requirement
*Specifications are subject to change without prior notice due to constant improvement in design & technology

Power Back-Up Solutions

TRUE ONLINE UPS
STATIC UPS
INVERTER
LIFT UPS



Power Conditioning Solutions

SERVO VOLTAGE STABILIZER
STATIC VOLTAGE STABILIZER



Isolation & K-Rated Transformer



Renewable Energy Solutions

SOLAR ROOF-TOP SYSTEM
SOLAR PCU / INVERTER



Electrical Control Panels

APFC PANELS
ELECTRICAL MCC / PCC PANELS



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

20 YEARS Since 2003