

ON-LINE UPS SYSTEMS (10KVA to 30KVA 3/1 Ø)

NEXUS

ABILITY TO WORK WITH ALL LOADS

An obvious choice for IT applications, the heavy duty design of the HF Series also works equally well with other loads such as motor driven loads, medical equipment, communication products which are often damaged by inferior UPSs with step wave or square wave output.

GENERATOR COMPATIBLE

As a rugged series designed for Indian power conditions, the HF Series UPSs scores over most other systems in the market, affording high compatibility with most types of generators.

HOT STAND-BY MODE

In rare instances where the primary UPS system goes out of order the standby UPS instantly takes on the connected load without transferring to bypass. This configuration is available on selected models at an additional cost.

FEATURES

- Isolation Transformer for added protection.
- Static & Manual Bypass (Optional)
- True On-line Double Conversion UPS
- High Transient Response
- High Efficiency
- Constant Voltage Constant Current Charger
- Wide Input range
- Pure Sine Wave with Isolated output
- Soft Start Facility
- Crystal Controlled Frequency

Applications

- Storage devices and Critical Workstations
- Local Area Networks (LAN)
- Medical equipment
- Industrial processes & critical machinery loads
- Telecommunication systems
- ATM machines



SPECIFICATIONS

Input Voltage	Three Phase
Voltage range	340 to 460V
Frequency	45-55 Hz

INVERTER

Output Wave Form	Pure Sine Wave
Output voltage	220V
Output voltage regulation	+/- 1%
Output Frequency	50Hz +/- 0.01%
Output Isolation	Galvanic Isolation
Power Factor	0.8 to unity
THD	Less than 3%
Technology	Micro controller based Hi Freq. PWM
Overload Capacity	110% for 10 Min.
Crest Factor	4:1
Transient Recovery	Within 3 cycle

BATTERY CHARGER

Charger Type	Constant Voltage Constant Current
Charging Mode	Trickle, Float & Boost

OPERATING CONDITIONS

Operating Temperature	0-45 °C
Humidity	90% Non Condensing
Noise Level	Less than 45dB

RESPONSE TIME

Transfer Time	0 ms
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