

# ON-LINE UPS SYSTEMS (10KVA to 30KVA)



## 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 UPS ss cores 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	ThreePhase
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%
Galvanic Isolation	
Isolation	0.8tounity
Power Factor	Lessthan3%
THD	Micro controller based HiFreq.PWM
Technology	110% for 10 Min.
Overload Capacity	4:1
Crest Factor	Within3cycle
Transient Recovery	

### BATTERY CHARGER

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

### OPERATING CONDITIONS

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

### RESPONSE TIME

Transfer Time	0ms
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