



Online UPS

6kVA, 10kVA, 15kVA & 20kVA

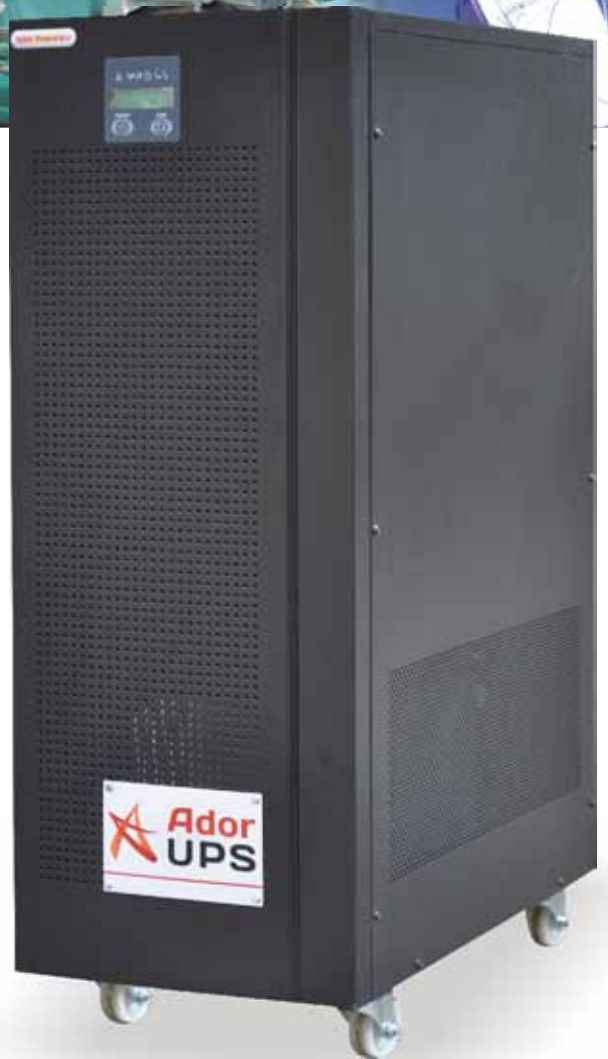
- True Online Double Conversion Topology
- 0.8 Output Power Factor
- Light Weight And Compact Size
- Cold Start
- Short Circuit, Lightning And Surge Protection
- Advance DSP Technology
- Exclusive Feature For Data Processing Machine

HF Series

6kVA, 10kVA, 15kVA & 20kVA UPS system are on-line double conversion technology system. The system is fully DSP based with wide input voltage range suitable for Indian power conditions.

Applications -

ATMs
Servers
Medical Equipments
Security Systems
Automation
CNC Machines
VSAT communication network



HF SERIES

HF Series-ON-LINE High Frequency Double Conversion UPS System

Technical Specifications

Model-HF	HF1106G	HF3110G	HF3115G	HF3120G
Configurations	6KVA 1/1	10 KVA 3/1	15 KVA 3/1	20 KVA 3/1
INPUT				
Voltage Range	230, -20% +15% VAC		415, -20% +15% VAC	
Frequency	45 - 55Hz			
Phase	Single phase			
Power Factor	≥ 0.97			
OUTPUT				
Voltage	230 V AC ± 2%			
Frequency	50Hz ± 0.2%			
Overload	> 110% for 5 min > 150% for 200 ms			
Waveform	Pure sine wave			
THD (linear load)	< 3%			
THD (non-linear load)	< 5%			
Load CF	3:1 (max)			
Transfer between AC mode to battery mode	0 ms			
Efficiency(nominal)	92%			
GENERAL				
Acoustic Noise (Full load) @1.5m distance	< 45 dBA			
Dimensions (W x D x H) (mm)	248X500X320	248X500X460	248X500X620	
Unit Weight w/o batteries - net	21Kg.	39Kg.	43Kg.	
Temperature	0-40° C			
Humidity	0% - 95% (Non-condensing)			
Altitude	< 1500m			
Storage temperature	-25~55° C			
COMMUNICATION				
RS 232	Yes			
SNMP	Optional			
LCD DATA DISPLAY				
Input	Voltage, Frequency			
Output	Voltage, Current, Frequency			
Batteries	Voltage			
Load level	Yes			
Temperature	Yes			
BATTERY				
Type	Sealed Maintenance Free (SMF) VRLA, Tubular lead acid			
DC Voltage	192	240	240	240
Backup Time	10 Mins to 5 Hours			
Recharge Time	Typically 8 Hours			

■ All specifications are subject to change without prior notice.



Unique Features

- High Frequency Double Conversion True On-line Technology
- Fully Microprocessor Control
- Wide Input Voltage Range
- Advance PFC Technology
- Advance Battery Management
- Self Testing When UPS Start Up
- Short Circuit & Overload Protection
- Network/Fax/Modem Surge Protection
- LCD Display
- EMI/RFI Noise Filter
- Smart RS232 Interface
- SNMP Management (Option)
- Pure Sine Wave Output
- Charger For Longer Backup
- Automatic Bypass
- Inbuilt Output Isolation Transformer (optional)



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An ISO 9001&14001 Company

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