

- High Input Power Factor
- Wide Input Range
- Built-In Bi-directional Static Bypass Facility
- Very Compact & Light Weight
- Lighting & Surge Protection
- Exclusive Feature for Data Processing Machine
- Advanced Battery Management
- LCD Display

HP SERIES

HP Series 1, 2 and 3 kVA UPS system is a on-line double conversion high frequency transformer less design. The system is fully Microprocessor based with wide input voltage range suitable for Indian power conditions. HP UPS commits Advanced PFC technology with Intelligent Battery Management System.

Applications -

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

Ador PowerAce

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



HP SERIES

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



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 Batteries Option

Technical Specifications

Model - HP	HP 1101	HP 1102	HP 1103
Capacity	1kVA/700kW	2kVA/1400kW	3kVA/2100kW
INPUT			
Voltage Range	for load <50% range : 118 ~ 295 V AC For load >70% range : 160 V AC ~ 295 V AC		
Frequency	45 - 55Hz		
Phase	Single phase		
Power Factor	≥ 0.97		
OUTPUT			
Voltage	230 V AC ± 2%		
Frequency	50Hz ± 0.2%		
Overload	> 110% for 30 sec turn to bypass mode; > 150% for 200 ms turn bypass mode		
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		
Transfer between AC mode to bypass mode	Transfer time : 4ms (typical 2.5 ms)		
Efficiency(nominal)	90%		
GENERAL			
Acoustic Noise (Full load) @1.5m distance	< 45 dBA		
Dimensions (W x D x H) (mm)	144×412 ×213	191×470×338	191×470×338
Unit Weight w/o batteries - net/gross	7.5/9 Kg.	14/16 Kg.	15/17 Kg.
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, Current, Frequency		
Output	Voltage, Current, Frequency		
Batteries	Voltage		
Load level	Yes		
Temperature	Yes		
BATTERY			
Type	Sealed Maintenance Free (SMF) VRLA, Tubular lead acid		
DC Voltage	36 VDC	96 VDC	96 VDC
Backup Time	10 Mins to 5 Hours		
Recharge Time	Typically 8 Hours		

■ All specifications are subject to change without prior notice.

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