

Online UPS

HP900C Series

3:1 Phase



10KVA - 20KVA



Application: Small network servers and other IT equipment

- High frequency and double conversion on-line technology
- Fully digitized microprocessor control
- Wide input voltage range
- LCD display
- Cold start
- Parallel capacity
- Advanced battery management
- Automatic battery charge in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed auto control when loads varies
- Optional extension battery pack
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP Card slot

Control Panel



- 1 LCD
- 2 ON/OFF Button
- 3 Self-test/Silence Button
- 4 Scroll Button
- 5 Normal
- 6 Alarm
- 7 Abnormal

Back Panel



- 1 Communication Interface
- 2 Fan
- 3 Input Breaker
- 4 Battery Socket
- 5 Manual Bypass Switch
- 6 Terminal Block
- 7 Parallel Port
- 8 SNMP Slot

specifications

Model	HP3910C	HP3915C	HP3920C
Power	10KVA/7KW	15KVA/10.5KW	20KVA/14KW
Input	Voltage Range 304±5VAC~478±5VAC		
	Frequency 46~54Hz+/-0.5Hz or 56~64Hz+/-0.5Hz auto sensing		
	Phase Three phase		
	Power Factor ≥0.95		
Output	Voltage Range 220Vac ±1%		
	Phase Single phase		
	Frequency 50HZ±0.2%(battery mode)		
	THD (Linear load) <2%		
	THD (non-Linear load) <6%		
	Overload 105%~130% 10min turn to bypass mode;>130% 1s turn to bypass mode		
	Crest Factor 3:1(max)		
	Short Circuit Protection 5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode) 5 cycles turn off inverter, provide alarm (battery mode) Input fuse blown or breaker action		
	Waveform Pure sine wave		
	Transfer Time Between AC Mode and Battery Mode Zero transfer time		
	Transfer Time Between AC Mode and Bypass Mode Zero transfer time		
Efficiency ≥88%			
Battery	Type 12V sealed lead acid maintenance free		
	DC Voltage 240VDC		
	Configuration	20 x 12V/7AH	External battery bank
	Backup Time (half load)	13min	Depends on the external battery capacity
	Backup Time (full load)	5min	
	Charge Current (standard unit)	1A	N/A
	Charge Current (long time unit)	5A	
Recharge Time	90%capacity after 8 hrs charging		
Communication Interface RS232 ; SNMP (optional)			
Parallel port Parallel availability for redundancy and load sharing up to three units			
LCD Indication 1. Input voltage/frequency , battery voltage, output voltage/frequency, load watt/VA value and percent, inverter temperature 2. Operation modesuch as "on line", "on batt", or "on bypass"			
LED Indication 1. Green led for normal operation, 2. Yellow led for warning condition 3. Red led for abnormal operation			
Noise Level	≤55dB		
Environment	Temperature	0~40℃	
	Humidity	0%~95% (Non-condensing)	
	Altitude	<1500m	
	Storage Temperature	0~40℃	
Other	Standard unit Net/Gross Weight	95/109Kg	N/A
	Long Time Unit Net/Gross Weight	39/51Kg	60/74Kg
	Dimension (W×D×H)mm	260×570×717	320×620×950
	Packing (W×D×H)mm	430×700×845	410×717×1050