

Online UPS

HP900C/HP900C-RM Series



1 KVA - 3KVA



Application: Small network servers and other IT equipment

- High frequency and double conversion on-line technology
- Fully digitized microprocessor control
- Wide input voltage range
- UPS startup without battery
- Cold start
- Advanced battery management
- Automatic battery charge in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- EPO function (optional)
- Fan speed auto control when loads varies
- Optional extension battery pack
- Battery voltage display
- Load capacity display
- Smart RS232 communication with monitoring software
- Optional SNMP Cardslot

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 Net surge protection
- 4 Input socket
- 5 Battery socket
- 6 Output socket
- 7 Output wiring socket
- 8 Breaker
- 9 SNMP Slot

specifications

Model	HP910C	HP910C-RM	HP920C	HP920C-RM	HP930C	HP930C-RM	
Power	1KVA/700W		2KVA/1400W		3KVA/2100W		
Input	Voltage Range	When load < 70%, input range is 115±5VAC~295±5VAC When load ≥ 70%, input range is 160±5VAC~295±5VAC					
	Frequency Range	46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing					
	Phase	Single phase					
	Power Factor	≥0.97					
Output	Voltage Range	220/230Vac ± 2%					
	Frequency	50Hz/60Hz±0.2%					
	THD (Linear load)	<3%					
	THD (non-Linear load)	< 6%					
	Overload	>110% 30s turn to bypass mode;>150%,300ms turn to bypass mode					
	Crest Factor	3:1(max)					
	Short Circuit	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 (bypass mode)					
	Waveform	Pure sine wave					
	Transfer Time Between AC Mode and Battery Mode	0 ms					
	Transfer Time Between AC Mode and Bypass Mode	Transfer time: 4ms (typical 2.5ms)					
	Efficiency	≥83%		≥85%			
Battery	Model	12V sealed lead acid maintenance free					
	DC Voltage	36VDC		96VDC			
	Configuration	3 x 12V/7AH		8 x 12V/7AH			
	Backup Time (half load)	12min		19min		16min	
	Backup Time (full load)	5min		8min		5min	
	Charge Current (standard unit)	0.7A		0.7A		0.7A	
	Charge Current (long time unit)	7.5A		7.5A		7.5A	
	Recharge Time	90%capacity after 8 hrs charging					
Communication Interface	RS232 ; SNMP (optional)						
LCD Indication	1. Input voltage/frequency , battery voltage, output voltage/frequency, load watt/VA value and percent, inverter temperature 2. Operation mode such 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	<45dB						
Environment	Temperature	0~40℃					
	Humidity	0%~95% (Non-condensing)					
	Altitude	<1500m					
	Storage Temperature	-25~55℃					
Other	Standard unit						
	Net/Gross Weight	14/16Kg	14/16Kg	33/35Kg	34/36Kg	34/36Kg	35/37Kg
	Long Time Unit net/gross weight	7.5/9Kg	8/10Kg	14/16Kg	19/21Kg	15/17Kg	20/22Kg
	Dimension (W×D×H)mm	144×419×215	440×470×248	191×478×339	440×470×248	191×478×339	440×470×248
	Packing (W×D×H)mm	258×524×334	587×550×254	332×603×482	592×665×292	332×603×482	592×665×292