

Online UPS

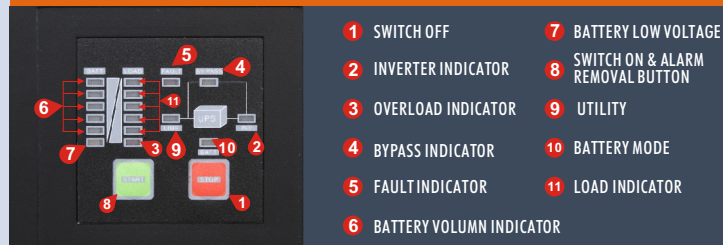
HP900E/HP900E-RM Series



1KVA - 3KVA



Control Panel



- 1 SWITCH OFF
- 2 INVERTER INDICATOR
- 3 OVERLOAD INDICATOR
- 4 BYPASS INDICATOR
- 5 FAULT INDICATOR
- 6 BATTERY VOLUMN INDICATOR
- 7 BATTERY LOW VOLTAGE
- 8 SWITCH ON & ALARM REMOVAL BUTTON
- 9 UTILITY
- 10 BATTERY MODE
- 11 LOAD INDICATOR

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
- Fan speed auto control when loads varies
- Network/fax/modem surge protection
- Optional extension battery pack
- Load capacity display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP card slot

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	HP910E	HP910E-RM	HP920E	HP920E-RM	HP930E	HP930E-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												
	46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing												
Frequency Range													
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)													
LED Indication													
Load level, battery capacity, battery mode, utility mode, inverter, bypass, overload, fault													
Noise Level													
<45dB													
Environment	Temperature												
	0~40℃												
	Humidity												
	0%~95% (Non-condensing)												
Altitude													
<1500m													
Storage Temperature													
-25~55℃													
Other	Standard unit												
	14/16Kg	14/16Kg	33/35Kg	34/36Kg	34/36Kg	35/37Kg							
	Net/Gross Weight												
	7.5/9Kg	8/10Kg	14/16Kg	19/21Kg	15/17Kg	20/22Kg							
	Long Time Unit net/gross weight												
Dimension (W×D×H)mm		144×412×213		483×520×133		191×470×338		483×520×133					
Packing (W×D×H)mm		245×540×343		587×550×254		337×615×487		592×665×292		337×615×487		592×665×292	