

Online UPS

HP900E Series

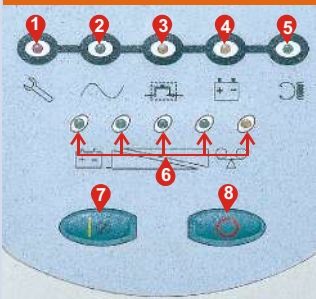


6 KVA - 20 KVA

Application: Small network servers and other IT equipment

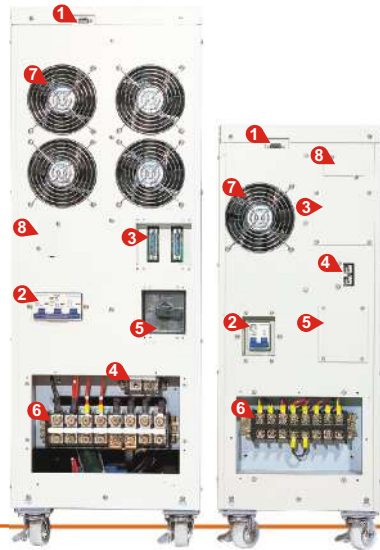
- High frequency and double conversion on-line technology
- Fully digitized microprocessor control
- Wide input voltage range
- Advanced PFC technology
- Cold start
- Parallel capacity
- Advanced battery management
- Automatic battery charge in UPS off mode
- Lightning and surge protection
- Short circuit 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 Fault Indicator
- 2 Utility Indicator
- 3 Bypass Indicator
- 4 Battery Indicator
- 5 Inverter Indicator
- 6 Load/Battery Capacity
- 7 Switch ON& Alarm Removal Button
- 8 Switch OFF

Back Panel



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

specifications

Model		HP960E	HP9100E	HP3910E	HP3915E	HP3920E
Power		6KVA/4.2KW	10KVA/7KW	10KVA/7KW	15KVA/10.5KW	20KVA/14KW
Input	Voltage Range	176±5VAC~276±5VAC		304±5VAC~478±5VAC		
	Frequency	46~54Hz+/-0.5Hz or 56~64Hz+/-0.5Hz auto sensing				
	Phase	Single phase		Three phase		
	Power Factor	≥0.98		≥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)	20min	13min		Depends on the external battery capacity	
	Backup Time (full load)	7min	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		N/A				
LED Indication		Load or battery capacity				
Noise Level		≤55dB				
Environment	Temperature	0~40℃				
	Humidity	0%~95% (Non-condensing)				
	Altitude	<1500m				
	Storage Temperature	0~40℃				
Other	Standard unit Net/Gross Weight	91/103Kg	94/106Kg	95/109Kg	N/A	
	Long Time Unit Net/Gross Weight	36/46Kg	38/48Kg	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	