

# Online UPS

HP900E Series



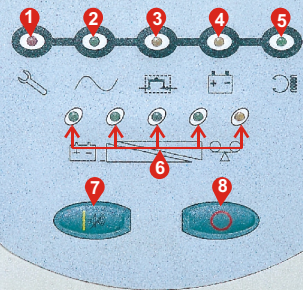
6 KVA - 20 KVA



Application: Small network servers and other IT equipment

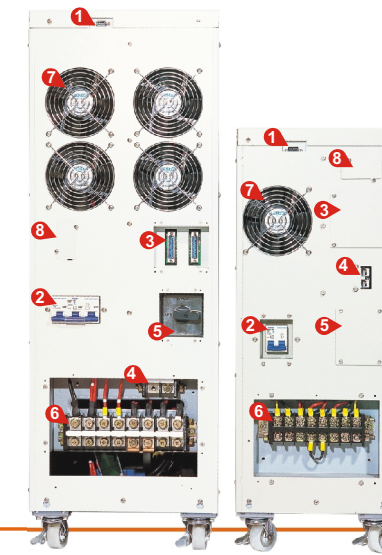
- High frequency and double conversion on-line technology
- Fully digitized microprocessor control
- Wide input voltage range
- Advanced PFC technology
- Cold start
- Parallel capacity
- Advanced battery management
- Automatic battery charge in UPS off mode
- Lightning and surge protection
- Short circuit 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
<b>Power</b>	6KVA/4.2KW	10KVA/7KW	10KVA/7KW	15KVA/10.5KW	20KVA/14KW
<b>Input</b>	Voltage Range		176±5VAC~276±5VAC		
	Frequency		46~54Hz+/-0.5Hz or 56~64Hz+/-0.5Hz auto sensing		
	Phase		Single phase		
	Power Factor		≥0.98		
<b>Output</b>	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 transfertime		
Transfer Time Between AC Mode and Bypass Mode		Zero transfer time			
Efficiency		≥88%			
<b>Battery</b>	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			
<b>Communication Interface</b>		RS232 ; SNMP (optional)			
<b>Parallel port</b>		Parallel availability for redundancy and load sharing up to three units			
<b>LCD Indication</b>		N/A			
<b>LED Indication</b>		Load or battery capacity			
<b>Noise Level</b>			≤55dB		
	Temperature		0~40℃		
<b>Environment</b>	Humidity		0%~95% (Non-condensing)		
	Altitude		<1500m		
	Storage Temperature		0~40℃		
<b>Other</b>	Standard unit Net/Gross Weight		91/103Kg	94/106Kg	95/109Kg
	Long Time Unit Net/Gross Weight		36/46Kg	38/48Kg	39/51Kg
	Dimension (W×D×H)mm		260×570×717		320×620×950
	Packing (W×D×H)mm		430×700×845		410×717×1050