

Specifications HP900E(6~20kVA)

Model		HP960E	HP9100E	HP3910E	HP3915E	HP3920E
Capacity		6KVA/4.2KW	10KVA/7KW	10KVA/7kW	15KVA/10.5kW	20KVA/14kW
Input	Voltage Range	176±5VAC~276±5VAC		304±5VAC~478±5VAC		
	Frequency Range	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 Range	50Hz/60Hz±0.2%(battery mode)				
	THD (linear load)	<2%				
	THD (non-linear load)	< 6%				
	Overload Capability	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 (bypass mode)				
	Waveform	pure sine wave				
	Transfer Time Between AC Mode and Battery Mode	0ms				
	Transfer Time Between AC Mode and Bypass Mode	0ms				
	Efficiency	≥88%				
	Battery	Model	12V sealed lead acid maintenance free			
DC Voltage		240VDC				
Configuration		20×12V/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	96/106kg	95/109kg		N/A
	Long Time Unit Net/Gross Weight	39/46Kg	38/48kg	60/74kg		320×620×950
	Dimension (W×D×H)mm	260×570×717				
	Packing (W×D×H)mm	430×700×845				410×717×1050