

Specifications HP900C/HP900C-RM(6~10kVA)

Model		HP960C	HP960C-RM	HP9100C	HP9100C-RM
Capacity		6KVA/4.2KW		10KVA/7kW	
Input	Voltage Range	176±5VAC~276±5VAC			
	Frequency Range	46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing			
	Phase	Single phase			
	Power Factor	≥0.98			
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			
	Backup Time half load	20min	N/A	13min	N/A
	Backup Time full load	7min	N/A	5min	N/A
	Charge Current(standard unit)	1A			
	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		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 “or bypass”			
LED Indication		1, Green LED for normal operation, 2, Yellow LED for warning condition 3, Red LED for abnormal operation			
Noise Level		<55dB			
Environment	Temperature	0~40□			
	Humidity	0%~95% (non-condensing)			
	Altitude	<1500m			
	Storage Temperature	0~40 □			
Other	Standard Unit Net/Gross Weight	89/104kg	N/A	92/107kg	N/A
	Long Time Unit Net/Gross Weight	34/48Kg	22/25Kg	36/51Kg	22/25Kg
	Dimension (W×D×H)mm	270×570×720	440×656×176	270×570×720	440×656×176
	Packing (W×D×H)mm	370×670×940	580×790×336	370×670×940	580×790×336