

Online UPS

HP900RT (1-3KVA) Series



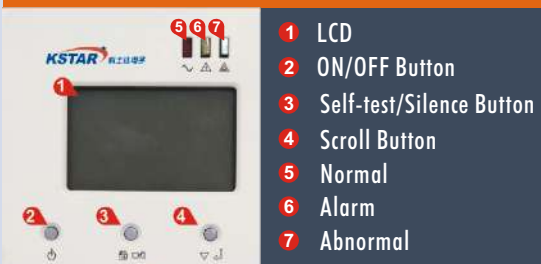
1 KVA - 3 KVA



Application: Rack mounted server and othe networking equipment

- Rack and tower convertible
- High frequency and double conversion on-line technology
- Fully digitized microprocessor control
- Wide input voltage range
- Advanced PFC technology
- Self-testing when UPS startup
- 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
- LCD display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP Cardslot

Control Panel



- 1 LCD
- 2 ON/OFF Button
- 3 Self-test/Silence Button
- 4 Scroll Button
- 5 Normal
- 6 Alarm
- 7 Abnormal

Back Panel



- 1 Battery Socket
- 2 Output Socket
- 3 Input Socket
- 4 Break
- 5 Fan
- 6 Net Surge Protection
- 7 Communication Interface
- 8 Output Wiring Socket
- 9 Internal SNMP Slot
- 10 Dry Contact
- 11 EPO

specifications

Model	HP910RT	HP920RT	HP930RT	
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			
	Frequency Range			
46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing				
Phase			Single phase	
Power Factor			≥0.97	
Output	Voltage Range			220Vac ± 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%
Battery	Model			12V sealed lead acid maintenance free
	DC Voltage			36VDC
	Configuration			3 x 12V/7AH
	Backup Time (half load)			12min
	Backup Time (full load)			5min
	Charge Current (standard unit)			0.7A
	Charge Current (long time unit)			7.5A
	Recharge Time			90% capacity after 8 hrs charging
	Communication Interface			RS232 ; SNMP (optional)
	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 " on bypass"
LED Indication			1. Green led for normal operation, 2. Yellow led for warning condition 3. Red led for abnormal operation	
Noise Level			<45dB	
Environment	Temperature			0~40℃
	Humidity			0%~95% (Non-condensing)
	Altitude			<1500m
	Storage Temperature			-25~55℃
Other	Standard unit			
	Net/Gross Weight			14/16Kg
	Long Time Unit			
	net/gross weight			8/10Kg
	Dimension (W×D×H)mm			483×440×89
Packing (W×D×H)mm			587×550×254	
			34/36Kg	
			19/21Kg	
			20/22Kg	
			483×520×133	
			595×665×292	