

Online UPS

Mini Series

Application:

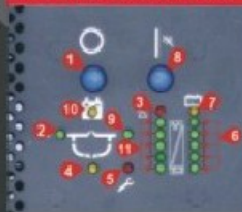
• Server and other networking equipment

- 19 inch Rack - mount or Tower
- 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 load varies
- Network/fax/modem surge protection
- Optional extension battery pack
- Battery voltage display
- Load capacity display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software

1KVA - 3KVA



HP 900-RM Control Panel



- | | |
|------------------------------------|-----------------------|
| 1 Switch on & Alarm Removal Button | 7 Fault Indicator |
| 2 Battery Indicator | 8 Switch Off |
| 3 Overload Indicator | 9 Utility |
| 4 Bypass Indicator | 10 Inverter Indicator |
| 5 Battery Low Indicator | 11 Load Indicator |
| 6 Battery Indicator | |



Specifications Mini Series

Model	HP910-RM	HP920-RM	HP930-RM
Power	1KVA/700W	2KVA/1400W	3KVA/2100W
Input			
	Voltage Range	230V or 240V \pm 20%	
	Frequency	45-55Hz \pm 5Hz	
	Phase	Single phase	
	Power Factor	\geq 0.95	\geq 0.97
Output			
	Voltage Range	230V \pm 2% or 240V \pm 2%	
	Frequency	50Hz \pm 0.2%	
	THD (linear load)	$<$ 3%	
	THD (non-linear load)	$<$ 4%	$<$ 5%
	Over load	$>$ 110% 3s turn to bypass mode; $>$ 150% 200ms turn to bypass	
	Crest Factor	3:1(max)	
	Short Circuit	5cycles turn off inverter, no transfer to bypass, provide alarm (AC mode) 5cycles turn off inverter, provide alarm (battery mode) Input fuse blown or breaker action	
	Wave Form	Pure sine wave	
	Transfer between AC mode and battery mode	Zero transfer time	
	Transfer between AC mode and bypass mode	Transfer time: 4ms(typical 2.5 ms)	
	Efficiency	$>$ 83%	$>$ 85%
Battery			
	Type	12V sealed lead acid maintenance free	
	DC Voltage	36V DC	96V DC
	Configuration	3 x 12V/7AH	8 x 12V/7AH
	Backup Time(half load)	12 min	19 min
	Backup Time(full load)	5 min	8 min
	Charge Current (standard unit)	0.5A	0.5A
	Charge Current (long time unit)	7.5A	4.5A
	Recharge Time	90% capacity after 8 hrs charging	
Communication Interface			
		RS232; SNMP (optional)	
LCD Indication			
		No	
LED Indication			
		load or battery capacity	
Noise Level			
		$<$ 45 dB	
Environment			
	Temperature	0--40°C	
	Humidity	0%-95% (Non- condensing)	
	Altitude	$<$ 1500m	
	Storage Temperature	-25--55°C	
Other: Rack Mount			
	Standard Unit net/gross weight	14/16kg	34/36kg
	Long Time Unit net/gross weight	8/10kg	19/21kg
	Dimension (W x D x H) mm	483x480x89	483x380x133
	Packing (W x D x H) mm	587x529x254	592x625x292
Other: Tower			
	Standard Unit net/gross weight	13/15kg	33/35kg
	Long Time Unit net/gross weight	7/9kg	18/20kg
	Dimension (W x D x H) mm	144 x 412 x 213	191 x 470 x 338
	Packing (W x D x H) mm	235 x 525 x 323	325 x 605 x 465
			34/36kg
			19/21kg
		260 x 590 x 720	
		375 x 670 x 800	



Dealer Stamp