



# ~~BROCHURE~~

## HR SERIES

6KVA - 10KVA 1/1 PHASE

10KVA - 20KVA 3/1 PHASE





# HR SERIES

## 6KVA - 10KVA / 10KVA-20KVA



### Features

- High frequency and double conversion online technology
- Fully digitized microprocessor control
- Wide input voltage range
- LCD display
- UPS Start up without battery (optional)
- Cold start
- Advanced battery management
- Automatic battery charging in UPS off mode
- Lightning and surge protection (optional)
- Short circuit and overload protection
- Fan speed adjusted by load automatically
- Network / Fax / Modem Surge Protection (optional)
- Optional extension battery pack
- Battery voltage display
- Load capacity display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP card slot
- Input L and N reversed alarm function
- EPO function (optional)





# PARAMETERS

Model	HR6K(L)	HR10K(L)	HR3110K(L)	HR3115K(L)	HR3120K(L)
Capacity	6,000VA	10,000VA	10,000VA	15,000VA	20,000VA
N + X Parallel (up to 3 pcs)					
Input	Voltage	120VAC-280VAC		304VAC-475VAC	
	Frequency	45-55Hz (55-65Hz) Auto sensing			
	Input Power Factor	>99%			
Output	Voltage	220VAC±1%			
	Frequency	50/60Hz ± 0.2% (battery mode)			
	Distortion THD	Non-linear Load THD < 5% ; Linear Load THD < 3%			
	Overload	105%-125% 1 min, 125%-150% 30s , >150% 0.5s			
	Crest factor	>3:1			
	Output Power Factor	0.8/0.9			
	Efficiency	>91%		>0.90%	
	Dynamic Response	Full Load ± 3%			
Battery	Wave Form	Sine Wave			
	Type	Valve Controlled Sealed Lead-Acid Battery			
	DC Voltage	192VDC			
	Quantity for Battery	12V/7Ah x 16 (pcs)			
Transfer Time	Charging Current	2A/4A			
	AC fault	0ms			
Protection	UPS Fault	0ms			
	Short Circuit	Shut Off Inverter and Bypass Output at The Same Time			
Display	Over Temperature	Transfer to Bypass Output Automatically			
	LCD	Input Voltage, Output Voltage, Current, Frequency, Battery Voltage & Charging Current, Fault, Alarm			
Alarm	LED	UPS Status			
	Battery Low Voltage	Alarm Every Second			
	AC Fault	Alarm Every 4 Second			
	UPS Overload	Alarm Continuely			
Communication Interface	UPS Fault	Alarm Continuely			
	RS232 (SNMP optional)				
Environment	Temperature	0°C-40°C			
	Humidity	≤90%			
	Noise (within 1 meter)	<50dB		<55dB	
Weight (Net Weight)	18kg	20kg	27kg	35kg	35kg
Dimension WxDxH (mm) for UPS	445*615*130(3U)			445*615*260(6U)	