HR11 Series Rack Online UPS

1-10kVA (220V/230V/240V)

HR11 series, ranging from 1KVA to 10KVA, is double conversion online rack UPS with fully DSP controlled technology. The single phase of 6-10KVA UPS applies the advanced 3-level technology, achieving a efficiency up to 95%. With its compact design of high power density (kW=kVA) in 2U height, HR11 series make it ideal choice for computers, telecommunication equipment and other sensitive devices.

Application

IDC(Internet Dater Center),network,servers and workstations, control system, communication system, office, PC etc

Features

Common features for 1-10KVA

- Wide range of input voltage while input PF>99%
- 19" standard cabinet and battery cabinet
- Full protection of overvoltage, circuit short and over temperature
- LCD/LED display, monitoring all the operation status
- Automatic fan speed adjustment
- Abundant interface: RS232,USB, SNMP, Intelligent Card

Unique features for 6-10KVA

- High efficiency, up to 95%
- kVA=kW, output PF=1
- Intelligent charging management, effectively improving the life time of battery
- 3 level of technology, compatible with complicated load
- Self-aging function

BLACKCURRANT

Specification

MODEL	HR1101S	HR1102S	HR1103S	HR1106XS	HR1110XS
	HR1101L	HR1102L	HR1103L	HR1106XL	HR1110XL
Capacity	1kVA	2kVA	3kVA	6kVA	10kVA
Input voltage range	110VAC-288VAC				
	100% load@>176VAC; 80% load@>154VAC 70% load@>132VAC; 50% load@>110VAC			100% load@ > 176VAC; 90% load@ > 160VAC 80% load@ > 140VAC; 60% load@ > 110VAC	
Input frequency	40-70Hz				
Input PF	⩾0.97			⩾0.99	
Voltage regulation	± 1 %				
Output frequency	50/60Hz				
Output PF	0.9			1.0	
Overload capability (Inverter mode)	105%-130%: to bypass 1 min; 150%: to bypass after 30 sec			110%:for 10 min ;125%:for 1min ; 150%:for 30 sec	
Overload capability (Battery mode)	105%-130%: shutdown after 10 sec; 150%: shutdown after 5 sec			110%: shut down after 1 min; 130%:shut down after 10 sec; >130%: shut down after 200 ms	
Crest factor	3:1				
Efficiency	87%	91%	90%	95%	
Display	LED+LCD				
Battery voltage	36VDC	72VDC	96VDC	192VDC	
Battery type/number	12V,7Ah*3	12V,7Ah*6	12V,7Ah*8	12V,7Ah*16	12V,9Ah*16
	External				
Interface	RS232,SNMP				
Optional	USB, SNMP, Dry contacts			USB, SNMP, ECO kit, Dry contacts, Battery cabinet	
Operation temperature	0-40℃				
Relative humidity	0-95%(non-condensing)				
W*D*H(mm)	440*430*86	440*480*173	440*480*173	438*660*172	
	440*430*86	440*480*86	440*480*86	438*550*86	
Weight(kg)	11.5	25	31	59	67
	7	8	9.5	17.5	20.5