

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 Data 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

Specification

MODEL	HR1101S	HR1102S	HR1103S	HR110XS	HR110XS
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				
Voltage regulation	±1 %				
Output frequency	50/60Hz				
Output PF	0.9				
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	72Vdc				
	36Vdc	72Vdc	96Vdc	192Vdc	
Battery type/number	External				
	12V,7Ah*3	12V,7Ah*6	12V,7Ah*8	12V,7Ah*16	12V,9Ah*16
Interface	RS232,EPO				
Optional	USB, SNMP, Dry contacts				
Operation temperature	0-40°C				
Relative humidity	0-95%(non-condensing)				
W*D*H(mm)	440*430*86	440*480*173	440*480*173	440*660*173	
	440*430*86	440*480*86	440*480*86	440*550*86	
Weight(kg)	11.5	25	31	59	67
	7	8	9.5	17.5	20.5