

## 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.



### Specification

MODEL	HR1101S	HR1102S	HR1103S	HR1106XS	HR1110XS
Capacity	HR1101L 1kVA	HR1102L 2kVA	HR1103L 3kVA	HR1106XL 6kVA	HR1110XL 10kVA
Input voltage range	110Vac-288Vac 100% load@>176Vac; 80% load@>154Vac 70% load@>132Vac; 50% 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				
Overload capability (Battery mode)	105%-130%: shutdown after 10 sec; 150%: shutdown after 5 sec				
Crest factor	3:1				
Efficiency	87%	91%	90%	95%	95%
Display	LED+LCD				
Battery voltage	36Vdc	72Vdc	96Vdc	192Vdc	192Vdc
Battery type/number	12V,7Ah*3	12V,7Ah*6	12V,7Ah*8	12V,7Ah*16	12V,9Ah*16
Interface	External RS232,EPO				
Optional	USB, SNMP, Dry contacts USB, SNMP, ECO kit, Dry contacts, Battery cabinet				
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*660*173
Weight(kg)	11.5	25	31	59	67
	7	8	9.5	17.5	20.5

### 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