

## HR31 Series Tower Online UPS 10-40kVA (220V/230V/240V)

HR31 series is online double-conversion UPS with full DSP control technology. With high input and output power factor, self-adjusting output frequency and network management, HR31 is a perfect choice for computers, telecommunication equipments and other sensitive devices.



### Application

IDC(Internet Data Center),network,servers and workstations,office etc

### Features

- Full protection of overvoltage, circuit short and over temperature
- Auto fan speed adjustment
- High efficiency, up to 96%
- Parallel up to 4 units
- Output PF=1
- Digital Charger, adjustable from 1A to 5A
- 12A charger for option, charging for large capacity batteries
- Self-aging mode, system can simulate full load test without connecting real load, saving more than 90% energy

### Specification

MODEL	HR3115XL	HR3120XL
Capacity	15kVA	20kVA
Phase	Three phase in , Single phase out	
Input voltage range	190Vac~499Vac	
	100% load@ >305Vac, 90% load@ >266Vac 75% load@ >228Vac, 50% load@ >190Vac	
Input PF	≥0.99	
Input THDi	≤4% (100% Linear load)	
Input frequency range	40Hz-70Hz	
Output PF	1	
Output voltage	220V/230V/240V	
Voltage regulation	1%	
THDu	≤1% (full linear load ) ≤3% (full non-linear load )	
Battery voltage	192Vdc	
Battery type/number	External	
System efficiency	Normal :95%	
	ECO :98%;	
Noise(1 meter away)	<62dB	
Overload capability (Inverter mode)	110%:for 10 min ;125%:for 1 min ; 150%:for 30 sec (shut down the bypass after 1 min)	
Overload capability (Bypass mode)	<125%: long term operation; 130%:shut down after 5 min; 150%: shut down after 1min; >150%: shut down after 200 ms	
Crest factor	3:1	
Display	LED+LCD	
Interface	Standard:RS232,EPO Optional: RS485,USB, SNMP, Dry contacts	
W*D*H(mm)	438*744*173	
Weight(kg)	33	