

HT31 Series Tower Online UPS 10-40kVA (220V/230V/240V)

HT31 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, HT31 is a perfect choice for computers, telecommunication equipments and other sensitive devices.



Application

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

Features

Common features for 10-40kVA

- Full protection of overvoltage, circuit short and over temperature
- Auto fan speed adjustment
- Abundant interface: RS232, USB, SNMP, Intelligent Card
- Parallel up to 4 units

Unique features for 10-20kVA

- Output PF=1
- Small size with higher power density
- Digital Charger, adjustable from 1A to 5A
- 12A charger for option, charging for large capacity batteries

Specification

MODEL	HT3110XL	HT3115XL	HT3120XL	HT3140L
Capacity	10kVA	15kVA	20kVA	40kVA
Phase	Three phase in , Single phase out			
Input voltage range	190Vac~499Vac			228Vac~478Vac
	100% load@ >305Vac, 90% load@ >266Vac 75% load@ >228Vac, 50% load@ >190Vac			100% load@ >305Vac 90% load@ >266Vac 75% load@ >228Vac
Input PF	≥0.99			
Input THDi	≤4% (100% Linear load)			≤3% (100% Linear load)
Input frequency range	40Hz-70Hz			
Output PF	1			0.9
Output voltage	220V/230V/240V			
Voltage regulation	1%			
THDu	≤1% (full linear load) ≤3% (full non-linear load)			≤1% (full linear load) ≤5% (full non-linear load)
Battery voltage	192Vdc			±240Vdc
Battery type/number	External			
System efficiency	Normal :94.5%;		Normal :95%	
	ECO :98%;			
Noise(1 meter away)	<50dB@<70%load;<58dB@>70%load			65dB @ 100%load 62dB @ 45%load
Overload capability (Inverter mode)	110%:for 10 min ;130%:for 1 min ; 150%:for 30 sec (shut down the bypass after 1 min)			
Overload capability (Battery mode)	110%: shut down after 1 min; 130%:shut down after 10 sec; >130%: shut down after 200 ms			110%: shut down after 10 min; 125%:shut down after 10 sec; >125%: shut down after 1 sec
Crest factor	3:1			
Display	LED+LCD			10.4" color touch screen LCD+LED
Interface	Standard:RS232, EPO Optional: RS485, USB, SNMP, Dry contacts			Standard: RS232, RS485 USB, Dry contacts Optional: SNMP, parallel kit Battery cold start
W*D*H(mm)	190*553*336	190*542*500	190*542*500	600*980*950
Weight(kg)	18	26	26	170