

Tower Online HT UPS

6-20kVA (220V/230V/240V)
4-12KVA (110V/120V/127V)

Description

HT11/31 series are online double-conversion UPS with full DSP control technology. With high input and output power factor, self-adjusting output frequency, smart battery management system and network management, HT11/31 are perfect choice for computers, telecommunication equipments and other sensitive devices.



Specification (220/230/240V)

Model	HT1106S HT1106L	HT1110S HT1110L	HT1115L	HT1120L	HT3110L	HT3115L	HT3120L
Capacity	6kVA	10kVA	15kVA	20kVA	10kVA	15kVA	20kVA
Phase	Single phase in, Single phase out				Three phase in, Single phase out		
Input voltage range	50%~125%(220VAC/230VAC/240VAC)				50%~125%(380VAC/400VAC/415VAC)		
Input voltage range	100% load@80%~125%; 90% load@70%~80% 80% load@60%~70%; 65% load@50%~60%						
Input PF	≥0.99		≥0.98		≥0.95		
Input Frequency Range	40Hz-70Hz						
Output PF	0.9						
Output Voltage	220V/230V/240V						
Voltage Regulation	±1%						
THDu	≤1%THD, full linear load; ≤5%THD, none-linear load						
Battery Voltage	192VDC						
System Efficiency	Normal Model:93%; ECO Model:98%; Battery mode:92%		Normal Model:93.5%; ECO Model:98%; Battery mode:92%		Normal Model:93.5%; ECO Model:98%; Battery mode:92%		
Noise(1 meter away)	<48dB@<70%load; <58dB@>70%load		<48dB@<70%load; 60dB@>70%load		<53dB@<70%Load; <66dB@>70%Load		
Overload Capability (Inverter mode)	110%:for 10 min ; 130%:for 1min ; 150%:for 30 sec (shut down the bypass after 1 min)						
Overload Capability (Battery mode)	110%: Shutdown after 10mins; 125%:Shutdown after 10s;>125%: Shutdown after 1s						
Crest Ratio	3:1						
Display	LED+LCD						
Interface	RS232,SNMP						
W*D*H(mm)	250*526*645	250*526*645	250*544*705	250*544*705	250*526*645	250*544*705	250*544*705
	250*526*480	250*526*480					
Net Weight(Kg)	58	64.5	33	33	25	33	33
	17	19					

Features

- Wide range of input voltage and high input power factor
- Output PF of 0.9
- Full protection of overvoltage, circuit short and over temperature
- Network/fax/modem surge protection
- LCD display, monitoring all the operation status
- Auto fan speed adjustment
- Abundant interface: RS232,USB, SNMP, Intelligent Card

Specification (110/120/127V)

Model	HTL1104S HTL1104L	HTL1106S HTL1106L	HTL1110L	HTL1112L	HTL3106L	HTL3110L	HTL3112L
Capacity	4kVA	6kVA	10kVA	12kVA	6kVA	10kVA	12kVA
Phase	Single phase in,Single phase out				Three phase in,Single phase out		
Input voltage range	50%~125%(110VAC)				50%~125%(200VAC)		
	100% load@80%~125%; 90% load@70%~80% 80% load@60%~70%; 65% load@50%~60%						
Input PF	≥0.98				≥0.98		
Input Frequency Range	40Hz-70Hz						
Output PF	0.8						
Output Voltage	110/115/120/127VAC						
Voltage Regulation	±1.5%						
THDu	≤2%THD,full linear load;≤ 5%THD,none-linear load						
Battery Voltage	192VDC						
System Efficiency	Normal :86%; ECO :98%; Battery:88%	Normal :87%; ECO :98%; Battery:89%	Normal:88%; ECO:98%; Battery:89%	Normal:89%; ECO:98%; Battery:89%	Normal:89%; ECO :98%; Battery :90%		
Noise(1 meter away)	<48dB@<70%load; <58dB@>70%load		<48dB@<70%load; 60dB@>70%load		<53dB@<70%Load; <66dB@>70%Load		
Overload Capability (Inverter mode)	110%:10 min ; 130%:1min ; 150%:30 sec (shut down the bypass after 1 min)						
Overload Capability (Battery mode)	110%: Shutdown after 10mins; 125%:Shutdown after 10s;>125%: Shutdown after 1s						
Crest Ratio	3:1						
Display	LED+LCD						
Interface	RS232,SNMP						
W*D*H(mm)	250*526*645	250*526*645	250*544*705	250*544*705	250*526*645	250*544*705	250*544*705
	250*526*480	250*526*480					
Net Weight(Kg)	58	64.5	33	33	25	33	33
	17	19					

Note: i) All specifications subject to change without notice
ii) Custom-made specifications are acceptable



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