

HT11/31 Series Tower Online 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	HT3110S 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 PF	≥0.99	≥0.98	≥0.98	≥0.95	≥0.95	≥0.95	≥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%	Normal Model:93.5%; 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%	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	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>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*765	250*544*705	250*544*705	
	250*526*480	250*526*480			250*526*645			
Net Weight(Kg)	58	64.5	33	33	67	33	33	
	17	19			25			

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	HTL3106S 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)			
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%	Normal:89%; ECO :98%; Battery :90%	Normal:89%; ECO :98%; Battery :90%	
Noise(1 meter away)	<48dB@<70%load; <58dB@>70%load	<48dB@<70%load; <60dB@>70%load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>70%Load	<48dB@<70%Load; <60dB@>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*765	250*544*705	250*544*705	
	250*526*480	250*526*480			250*526*645			
Net Weight(Kg)	58	64.5	33	33	67	33	33	
	17	19			25			

HT11 Series Tower Online UPS

1-3KVA (220V/230V/240V)
0.8-2KVA (110V/120V/127V)

Description

HT11 series is 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 is a perfect choice for computers, telecommunication equipments and other sensitive devices.



Specification (220/230/240V)

Model	HT1101S	HT1101L	HT1102S	HT1102L	HT1103S	HT1103L
Capacity	1KVA		2KVA		3KVA	
Phase			Single Phase in, Single Phase out			
Input Voltage Range			110VAC~288VAC			
			100% load@>176VAC; 80% load@>154VAC 70% load@>132VAC; 50% load@>110VAC			
Input PF			≥0.97			
Input Frequency			40Hz~70Hz			
Output PF			0.9			
Output Voltage			220V/230V/240V			
Voltage Regulation			± 1 %			
THDu			≤2% THD, Linear Load			
	≤ 5.5% THD, None-linear	≤ 5% THD, None-linear	≤ 5% THD, None-linear			
Crest Ratio			3:1			
Efficiency	87.0%		91.0%		90.0%	
Noise	<43dB@<70%Load, <47dB@>70%Load	<45dB@<70%Load, <50dB@>70%Load	<45dB@<70%Load, <50dB@>70%Load			
Overload Capability		Inverter mode: 105% ~ 130%: to bypass after 1 min; 150%: to bypass after 30Sec				
		Battery mode:105% ~ 130%:shutdown after 10Sec ; 150%:shutdown after 5Sec				
Battery	Model	12VDC/7Ah	Depends on External battery	12VDC/7Ah	Depends on External battery	12VDC/7Ah
	Quantity	3		6		8
	Max ChargingCurrent	1A	8A	1A	8A	1A
	Voltage	36VDC		72VDC		96VDC
Interface			RS232,EPO			
Optional			Intelligent kits, USB(B Type),SNMP, Surge protection			
W*D*H(mm)	145*353*222		190*374*336		190*426*336	
Net Weight(Kg)	12	6	21	10.5	25.6	11.5

Features

- Wide range of input voltage while input PF>99%
- Output PF of 0.9, more powerful load capability
- Full protection of overvoltage, circuit short and over temperature
- Network/fax/modem surge protection
- LCD/LED display, monitoring all the operation status
- Auto fan speed adjust
- Lighting and surge protection
- Abundant interface : RS232,USB, SNMP, Intelligent Card



Specification (110/120/127V)

Model	HTL110800S	HTL110800L	HTL111500S	HTL111500L	HTL112000S	HTL112000L
Capacity	800VA		1500VA		2000VA	
Phase			Single Phase in, Single Phase out			
Input Voltage Range			55VAC~155VAC			
			100% load@>96VAC; 80% load@>85VAC; 70% load@>70VAC; 50% load@>55VAC			
Input PF			≥0.97			
Input Frequency			40Hz~70Hz			
Output PF			0.9			
Output Voltage			110/115/120/127 VAC			
Voltage Regulation			± 1 %			
THDu			≤1% THD, Linear Load			
	≤ 5.5% THD, None-linear	≤ 5% THD, None-linear	≤ 5% THD, None-linear			
Crest Ratio			3:1			
Efficiency	87.0%		90.7%		90.4%	
Noise	<43dB@<70%Load, <47dB@>70%Load	<45dB@<70%Load, <50dB@>70%Load	<45dB@<70%Load, <50dB@>70%Load			
Overload Capability		Inverter mode: 105% ~ 130%: to bypass after 1 min; 150%: to bypass after 30Sec				
		Battery mode:105% ~ 130%:shutdown after 10Sec ; 150%:shutdown after 5Sec				
Battery	Model	12VDC/7Ah	Depends on External battery	12VDC/7Ah	Depends on External battery	12VDC/7Ah
	Quantity	3		6		8
	Max ChargingCurrent	1A	3.7A	1A	3.7A	1A
	Voltage	36VDC		72VDC		96VDC
Interface			RS232,EPO			
Optional			Intelligent kits, USB(B Type),SNMP, Surge protection			
W*D*H(mm)	145*354*228		190*376*336		190*428*336	
Net Weight(Kg)	12	6	21	10.5	25.6	11.5