

## HTC Series Tower Online UPS 1-3kVA (220V/230V/240V)

HTC series is an online double-conversion UPS with fully digital control technology. This fully upgraded new generation of UPS not only has an ultra-high input and output power factor, but also increases the efficiency on the basis of the original 5%. HTC11 with adjustable 12A charger is a perfect choice for PC and other sensitive devices request longer backup time.



### Application

IDC (Internet Data Center), network, servers and workstations, control system, communication system, office, PC etc.

### Features

- Wide range of input voltage while input PF>0.99
- LCD/LED display, monitoring all the operation status
- Output PF of 1, upgraded overload capability
- Auto fan speed adjustment
- Full protection of over-voltage and short-circuit
- External environment and battery temperature sensor
- Multiple communication interface: RS232, RS485, AS400, dry contact, USB and SNMP card
- 1-12A adjustable charger with more flexibility
- Support Lithium battery

### Specification

MODEL	HT1101CL	HT1101CS	HT1102CL	HT1102CS	HT1103CL	HT1103CS	
System Capacity	1kVA		2kVA		3kVA		
Input	Phase	Single Phase in, Single Phase out					
	Input Voltage Range	110VAC~300VAC					
	Input Power Factor	≥0.99					
	Input Frequency	50/60±5Hz (Default), ±3Hz/±10Hz (settable)					
	Input Frequency Range	40Hz~70Hz					
	Frequency Adaptable	Settable					
	Output	Output Voltage	200/208/220/230/240VAC				
Voltage Regulation		± 1 %					
Rate Frequency		50/60Hz					
Frequency Range		±0.1%					
Output THDu		≤2% THD, linear load; ≤ 5% THD, non-linear load					
Output PF		1 (0.9 for 200VAC/208VAC)					
Crest Factor		3:1					
Dynamic Response		≤5% (0% - 100% -0%)					
Dynamic Recovery		≤40ms (0% - 100% -0%)					
Overload Capability		Inverter	102%~110% for 30mins; 110%~125% for 10mins; 125%~150% for 30s				
		Battery	102%~110% for 1min; 110%~125% for 10s; 125%~150% for 5s				
		Bypass	<130%: long term operation; <150% for 10mins; <180% for 5s				
Battery		DC Voltage	36VDC		72VDC		96VDC
	Number/Type	External	12V, 7Ah*3	External	12V, 7Ah*6	External	12V, 7Ah*8
	Charging Voltage	Settable					
	Max Charging Current	1-12A	1A	1-12A	1A	1-12A	1A
	Battery Cold Start	Standard					
System	Efficiency	Normal Mode	94.5%@100% load	95.5%@100% load	95.5%@100% load		
		ECO Mode	96%	97%	97%		
		Battery Mode	89.5%@100% load	91.5%@100% load	91.5%@100% load		
	Noise (1m away)	<43dB@<60%load <47dB@>60%load	<50dB@<60%load <55dB@>60%load	<50dB@<60%load <55dB@>60%load			
Display	LED+LCD						
Interface	RS232, input socket (IEC C14 for 1K, C20 for 2-3K) output socket (2 National standard sockets for 1K, 4 National standard sockets for 2K 3 National standard sockets+1 20A connecting terminal for 3K)						
Optional	RS485, USB, AS400 Dry Contact, SNMP Card, EPO External Battery Temperature, RJ45 Surge Protection, Dust net						
Physical	W*D*H(mm)	144*354*224	144*354*224	144*410*223	190*405*330	144*410*223	190*405*330
	W*D*H(mm)(Package size)	240*448*320	240*448*320	240*510*320	285*520*406	240*510*320	285*520*406
	Net Weight (KG)	4.3	10.3	5.8	21.1	6.2	25.5
	Gross Weight (kg)	5.6	11.6	7.1	23	7.5	27.5