

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					
	110VAC~300VAC					
	Input Voltage Range					
	176VAC~276VAC for 100% load; 276VAC~300VAC for 50% load; 110VAC~176VAC load decrease linearly from 100%~50%					
	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	
	Number/Type		External	12V, 9Ah*3	External	12V, 9Ah*6
	Charging Voltage		Settable			
	Max Charging Current		1-12A	1A	1-12A	1A
	Battery Cold Start		Standard			
Efficiency	Normal Mode		94.5%@100% load		95.5%@100% load	
	ECO Mode		96%		97%	
	Battery Mode		89.5%@100% load		91.5%@100% load	
Noise (1m away)	<43dB@<60%load		<50dB@<60%load		<50dB@<60%load	
	<47dB@>60%load		<55dB@>60%load		<55dB@>60%load	
System	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
	W*D*H(mm)(Package size)		240*448*320	240*448*320	240*510*320	285*520*406
	Net Weight (KG)		4.3	10.3	5.8	21.1
	Gross Weight (kg)		5.6	11.6	7.1	23