

HT1102CS Tower Online UPS 2KVA(220V/230V/240V)

HT1102CS 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%. HT1102CS 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		HT1102CS		
System Capacity		2kVA		
Input	Phase	Single Phase in, Single Phase out		
	Input Voltage Range	110VAC~300VAC 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	72VDC		
	Number/Type	12V, 7Ah*6		
	Charging Voltage	Settable		
	Max Charging Current	1A		
	Battery Cold Start	Standard		
Efficiency	Normal Mode	95.5%@100% load		
	ECO Mode	97%		
	Battery Mode	91.5%@100% load		
Noise (1m away)		<50dB@<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)	190*405*330		
	W*D*H(mm)(Package size)	285*520*406		
	Net Weight (KG)	21.1		
	Gross Weight (kg)	23		