

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
 - Output PF of 0.9, upgraded overload capability
 - Full protection of over-voltage and short-circuit
 - Multiple communication interface: RS232, RS485, AS400, dry contact, USB and SNMP card
- LCD/LED display, monitoring all the operation status
 - Auto fan speed adjustment
 - External environment and battery temperature sensor
 - 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 Phasein,Single Phase out					
	Input Volatge Range		110VAC~300VAC 50% load @ 276VAC - 300VAC 100% load @ 176VAC - 276VAC Linear derating from 100% to 50% load @ 110VAC - 176VAC					
	Input Power Factor		≥ 0.99					
	Input Frequency		50/60±5Hz(Default),±1Hz/±3Hz/±10Hz(settable)					
	Input Frequency Range		50/60±5Hz (Default),±3Hz/±10Hz (settable)					
	Frequency Adaptable		Settable					
	Output	Output Voltage		220/230/240VAC(PF=0.9), 200/208VAC(PF=0.8)				
Voltage Regulation		± 1 %						
Rate Frequency		50/60Hz						
Frequency Range		±0.1%						
Output THDu		≤ 1% THD,linear load , ≤ 5% THD, non-linear load						
Output PF		0.9						
Crest Factor		3:1						
Dynamic Response		≤ 5% (0% - 100% -0%)						
Dynamic Recovery		≤ 40ms (0% - 100% -0%)						
Overload Capability		Inverter	102%~110%for30mins; 110%~125% for10mins; 125%~150%for30s					
		Battery	102%~110%for1min; 110%~125% for10s; 125%~150%for5s					
		Bypass	<130%:long term operation; <150% for10mins; <180%for5s					
Battery	DC Voltage		24VDC		48VDC		72VDC	
	Number/Type		External	12V,7Ah*2	External	12V,7Ah*4	External	12V,7Ah*6
	Charging Voltage		Settable					
	Max Charging Current		1-12A	1A	1-12A	1A	1-12A	1A
	Battery ColdStart		Standard					
System	Efficiency	Normal Mode	94.5%@100% load		95%@100% load		95.5%@100% load	
		ECO Mode	98%		98%		98%	
		Battery Mode	89.5%@100% load		91.5%@100% load		91.5%@100% load	
	Noise (1maway)		<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 (2National standard sockets for1K, 4 National standard sockets for 2K 3 National standard sockets+1 20A connecting terminal for3K)					
	Optional		RS485,USB,AS400 Dry Contact, SNMP Card, EPO External Battery Temperature, RJ45 Surge Protection, Dust net					
Physical	W*D*H(mm)		144*350*224	144*350*224	144*410*223	144*410*223	144*410*223	190*405*330
	W*D*H(mm)(Package size)		238*446*311	238*446*311	244*506*308	244*506*308	244*506*308	280*520*410
	Net Weight(KG)		4.5	8.5	6	14.1	6	20.5
	Gross Weight(kg)		5.6	9.6	7.3	17	7.5	22.5