

HR1101CS Rackable Online UPS 1kVA (220V/230V/240V)

HR1101CS 1kVA is double conversion online rack UPS with fully digital control technology. This upgraded new generation of UPS is compatible with lithium batteries, and charging current can be increased up to 12A. With its compact design of high density (Output PF =1) in 2U height HR1101CS makes it deal choice for computers, telecommunication equipment and other sensitive device.



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
- External environment and battery temperature sensor
- 19" standard cabinet and battery cabinet
- 1-12A adjustable charger with more flexibility
- Multiple communication interface: RS232, RS485, AS400, dry contact, USB and SNMP card
- Intelligent charging management, effectively improving the life time of battery
- Auto fan speed adjustment
- Support Lithium battery

Specification

MODEL		HR1101CS	
System Capacity		1kVA	
Input	Phase	Single Phase in, Single Phase out	
	Input Voltage Range	110V A C ~300V A C 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	
	Number/Type	12V, 7Ah*3	
	Charging Voltage	Settable	
	Max Charging Current	1A	
	Battery Cold Start	Standard	
Efficiency	Normal Mode	94.5%@100% load	
	ECO Mode	98%	
	Battery Mode	89.5%@100% load	
	Noise (1m away)	<43dB@<60%load <47dB@>60%load	
System	Display	LED+LCD	
	Interface	RS232, input socket (IEC C14 for 1K, C20 for 2-3K) output socket: 4 National standard sockets	
	Optional	RS485, USB, AS400 Dry Contact, SNMP Card, EPO External Battery Temperature, RJ45 Surge Protection	
Physical	W*D*H(mm)	440*427*86	
	W*D*H(mm)(Package size)	580*565*250	
	Net Weight (KG)	12.8	