RC 1KVA - 10KVA

High Frequency Rack Mount Online UPS RC Series

RC Series 1KVA - 10KVA (1ph in / 1ph out)

Key Features:

- 19" Rack Mount Design
- True Double-Conversion
- Microprocessor Control Optimized Reliability
- Output Power Factor PF 1.0
- Settable Charger Current from 1A - 12A Through LCD Screen
- Configurable Battery Voltage
- Input Power Factor Correction
- Wide Input Voltage (110V - 300V)
- Converter Mode Available
- Generator Compatible
- EPO for 6 - 10KVA Model
- Communication Port SNMP Slot, RS232, USB etc.

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Technical Specification:

Model	RC1K	RC1KL	RC2K	RC2KL	RC3K	RC3KL	RC6K	RC6KL	RC10K	RC10KL
Capacity	1KVA / 1KW		2KVA / 2KW		3KVA / 3KW		6KVA / 6KW		10KVA / 10KW	
Display	LCD									
INPUT										
Input Formats	L + N + PE									
Rated Voltage Range	208 / 220 / 230 / 240Vac									
Voltage Range	110~300Vac (110~176Vac, 280~300Vac Power Limited)									
Frequency	50/60Hz ±6Hz, ±10Hz (Setable)									
Power Factor	>=0.99									
Input Hamonic Distortion	≦3% THD （Lineear Load), ≦5% THD (Non-linear Load) PF=0.8						≦5% THD （Lineear Load), ≦8% THD (Non-linear Load) PF=0.8			
OUTPUT										
Output Formats	L+N+PE									
Output Voltage	208/220/230/240Vac									
Output Accuracy	±1%									
Frequency	AC Mode: same as AC, battery model: 50/60Hz ±1%									
Output Hamonic Distortion	≦1% THD （Lineear Load), ≦3% THD (Non-linear Load) PF=1						≦2% THD （Lineear Load), ≦5% THD (Non-linear Load) PF=0.8			
Power Factor	1									
Transfer Time	AC Mode to Batt. Mode: 0ms, Inverter Mode to Bypass Mode: 4ms									
Load Capacity	AC Mode:						AC Mode:			
	30min @ 102 %~110% load						30min @ 102 %~110% load			
	10min @ 110 %~130% load						10min @ 110 %~130% load			
	30s @ 130 %~150% load						30s @ 130 %~150% load			
	200ms @ 150% load						500ms @> 150% load			
	Battery Mode:						Battery Mode:			
	1min @ 102 %~110% load						1min @ 102 %~110% load			
	10s @ 110 %~130% load						10s @ 110 %~130% load			
	3s @ 130 %~150% load						3s @ 130 %~150% load			
	200ms @ >150% load						500ms @> 150% load			
Machine Efficiency	AC Mode: Full load efficiency 94.5%@220Vac Battery Mode: Full load efficiency 89.5%36Vdc Battery Mode: Full load efficiency 89.5% 24VDC		AC Mode: Full load efficiency 95.5%@220Vac Battery Mode: Full load efficiency 91.5%72Vdc Battery Mode: Full load efficiency 91.5% 48VDC		AC Mode: Full load efficiency 95.5%@220Vac Battery Mode: Full load efficiency 91.5%96Vdc Battery Mode: Full load efficiency 91.5% 72VDC		AC Mode: Maximum efficiency 95.5%, full load efficiency 95% Battery Mode: Full load efficiency 95.3%, full load efficiency94.8% (20pcs battery)			
Wave Form	Pure Sine Wave									
BATTERY										
Backup Time(Minute, Full Load / Half Load)	Depend on user's requiement and configuration									
Capacity & Quantity Of Battery	12V 7Ah*2	/	12V 7Ah*4	/	12V7Ah*6	/	12V7Ah*16	/	12V7Ah*16	/
External Battery Norminal Dc Voltage	/	36V	/	72V	/	96V	/	192V ~240V	/	192V ~240V
Transfer Time	0 ms									
Charing Current	RC1K ~ 10K: 1.0A default, 1~12A (Adjustable) external battery pack, RC1KL~10KL:5.0A (Default), 1~12A (Adjustable)									
Interface	110V: USB+RS232									
	220V: RS232, RJ45 interface requires an SNMP card+SNMP slot									
PROTECTION										
Protections	1. Auto re-starts when AC recovers									
	2. Silence setup									
	3. Automatic charging (offline charging)									
	4. Battery low voltage protection									
	5. Overload & Short circuit protection									
*Product Specifications are Subject to Change Without Notice.										