

Quality products start with quality people

Key Features

- ◆ LCD High Frequency Double Conversion Sine Wave Online UPS 10-60KVA
- ◆ DSP digital control technology, Zero transfer time
- ◆ Parallel up to 6 units for 10-40K standard type, 10/20K long backup type
- ◆ 4 units for 30/40/50/60K long backup type
- ◆ Three phase sine wave, output Power Factor 1
- ◆ Wide input voltage range -30% ~ +20%
- ◆ Wide input Frequency 40-70Hz
- ◆ support Generator, output HZ be fixed or follow mains
- ◆ Three adjustable charging current 1-12A/1-16A/1-18A for different models
- ◆ Adjustable battery numbers
- ◆ Advanced Input PFC technology, 0.99
- ◆ Full protection, overload, over voltage, short circuit, over temperature etc.
- ◆ RS232/USB communication with monitoring software, optional
- ◆ 7EPO, SNMP optional
- ◆ 5" color touch type LCD display



33RYY10K/10KS
33RYY20K/20KS

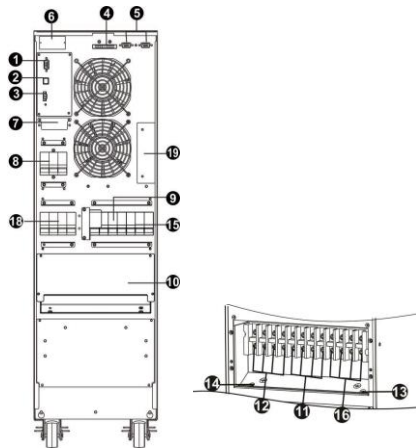


33RYY30K(S)/33RYY40K(S)
33RYY50KS/33RYY60KS

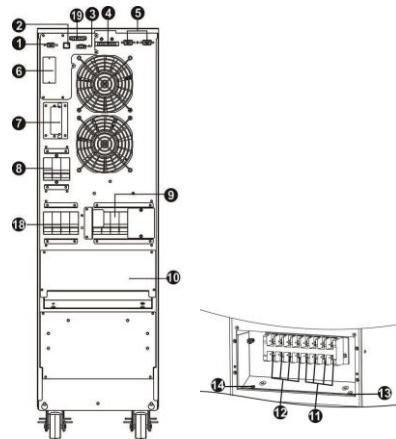
Technical Specifications

Model			33RYY10K/10KS	33RYY20K/20KS	33RYY30K/30KS	33RYY40K/40KS	33RYY50KS	33RYY60KS
Phase			3-phase in / 3-phase out					
Capacity			10KVA/10KW	20KVA/20KW	30KVA/30KW	40KVA/40KW	50KVA/50KW	60KVA/60KW
Parallel Capacity			6pcs		6pcs for standard model; 4pcs for long backup model			
Input	Voltage	380/400/415 VAC (3Ph+N)						
	Voltage range	-30% ~ +20%						
	Frequency	40~70Hz						
	Power Factor	≈ 0.99 @ 100% Load						
	Harmonic Distortion (THDI)	< 3% at full linear load						
Output	Voltage	380/400/415 VAC (3Ph+N)						
	AC Voltage Regulation (Batt. Mode)	± 1%						
	Factor	1						
	Frequency Range	Synchronized Range 46~54Hz or 56~64Hz						
		Batt. Mode 50/60 Hz ± 1%						
	Current crest ratio	3:1(max)						
	Harmonic Distortion	≈ 1 % THD (Linear Load) ; ≈ 3 % THD (Non-linear Load)						
	Transfer Time	Zero						
	Waveform (Batt. Mode)	Pure Sine wave						
Overload capacity	100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% for 400ms							
Bypass	Nominal Voltage	3 x 360/380/400/415 VAC (3Ph+N)						
	Voltage Range	-30% ~ +20% (Adjustable)						
	Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz						
	Overload Capability	> 130% 1 minute (default) Continuously working until breaker protection (optional)						
Battery	Standard Model	Capacity	12 V/9 Ah	12 V/9 Ah	12 V/9 Ah	12 V/9 Ah	N/A	
		Numbers	(10+10) pcs	(16+16) pcs	(16+16) pcs * 2			
		Typical Recharge Time	9 hours recover to 90% capacity					
		Charging Current (max.)	1-12A Adjustable			1-16A Adjustable		
		Charging Voltage	+/-136.5 VDC ± 1%	+/-218 VDC ± 1%				
	Long backup Model	Capacity	Depending on the applications					
		Numbers	+/- 10 pcs	+/-16 pcs ~ +/- 20 pcs (Adjustable)	32~40 pcs (Adjustable)			
		Charging Current (max.)	1-12A Adjustable				1-18A Adjustable	
		Charging Voltage	+/-136.5 VDC ± 10%	+/-13.65V x N (N=16~20)				
Efficiency			AC /Battery Mode: 96%; ECO Mode: 99%					
LCD Panel Indicators			UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
Management	RS-232 / USB	Supports Windows 2000/2003/XP/Vista/2008, Windows27/8/10, Linux and MAC						
	SNMP card	Optional						
Work temperature		0℃~40℃						
Altitude		0 ~ 1500m at full load						
Audible noise		≤60dB						
Storage temperature		-15℃~45℃						
Work humidity		20%~95%						
Noise (dB)		≤ 60dB						
Product Size(L*W*H) mm		Standard Model	630*250*826			815*300*1000		N/A
		Long backup Model	630*250*826			815*300*1000		
Net Weight (kg)		Standard Model	124	139	225	250	N/A	
		Long backup Model	28	43	55	58	74	74

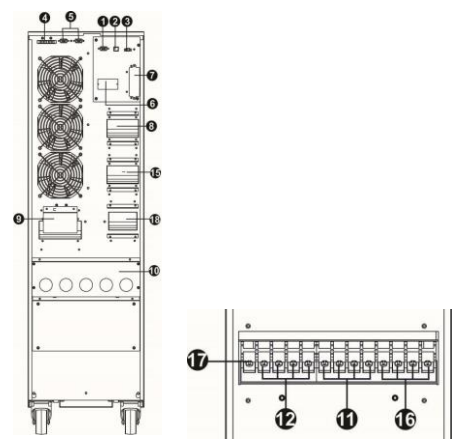
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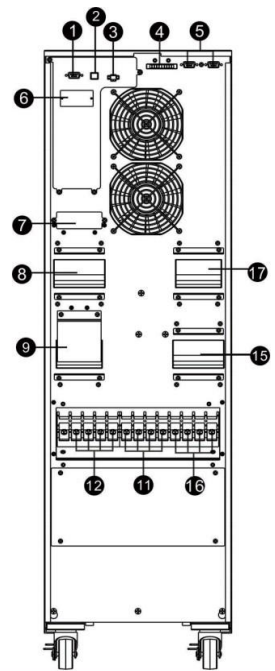
33RYY10K/20K



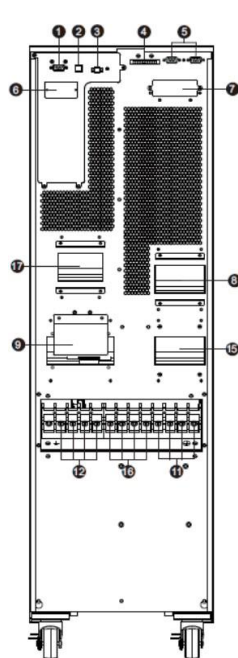
33RYY10KS/20KS



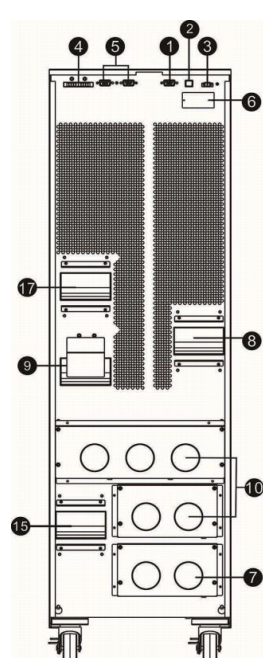
33RYY30K/33RYY40K



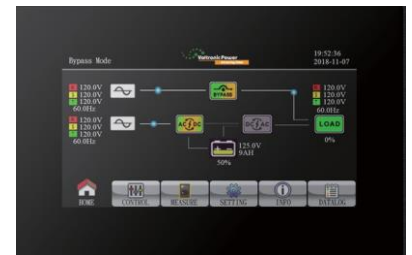
33RYY30KS



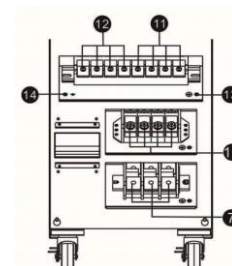
33RYY40KS



33RYY50KS/33RYY60KS



5" Touch LCD Panel



1. RS-232 communication port
2. USB communication port
3. Emergency power off function connector (EPO connector)
4. Share current port
5. Parallel port
6. Intelligent slot
7. External battery connector/terminal (Only available for long-run model)
8. Line input circuit breaker/switch
9. Maintenance bypass switch (option)

10. Input/Output terminal
11. Line input terminal
12. Output terminal
13. Input grounding terminal
14. Output grounding terminal
15. Bypass input circuit breaker/switch
16. Bypass input terminal
17. Grounding terminal
18. Output switch
19. Dry contact communication port(optional)