

RM Series

Rack Mount Online UPS 1K-10KVA



Application:

RM Series 1KVA~10KVA Rack mount High frequency online UPS is specially designed for servers, data-center critical network devices, sensitive electronic equipment, telecom, bank, hospital, bureau, traffic, public security, ATM and so on.

Key Features:

- ※ True online double conversion technology with advanced Microprocessor Control.
- ※ PWM Technology with IGBT.
- ※ LED/LCD Indicators display Detailed Rea-Time UPS Status and parameters.
- ※ Set Output Voltage, Frequency parameter and bypass function on the display.
- ※ Advanced MCU microprocessor control technology and DSP technology ensure long life reliability.
- ※ Wide input voltage range, Zero transfer time.
- ※ Rack mount 19" design to save space.
- ※ Excellent Protection against over voltage, over load, over current, over charge and so on.
- ※ Input L and N lines reverse wiring detection, Auto start when AC back.
- ※ DC start function, Input PFC revise function.
- ※ Humanization bypass output, can be adjustable.
- ※ Smart RS232 communication with monitoring software.
- ※ Intelligent slot available for AS-400 Dry contact and SNMP card Remote control.
- ※ Strong antijamming capability.
- ※ Available to work with generators.
- ※ Lightning, surge, short circuit, Network/fax/modem surge protection.
- ※ LED/LCD display panel optional.

SPECIFICATIONS:



Product Series		Rack Mount UPS 1~10kVA							
LED Model		RM1K	RM2K	RM3K	RM1KL	RM2KL	RM3KL	RM6KL	RM10KL
LCD Model		RM1K-C	RM2K-C	RM3K-C	RM1KL-C	RM2KL-C	RM3KL-C	RM6KL-C	RM10KL-C
Rated Power	VA/W	1KVA/0.7KW	2KVA/1.4KW	3KVA/2.1KW	1KVA/0.7KW	2KVA/1.4KW	3KVA/2.1KW	6KVA/4.8KW	10KVA/8KW
Input	Phase	Single Phase with Ground							
	Nominal Voltage	110/115/120Vac or 220/230/240Vac						220/230/240Vac	
	Voltage Range	60-138VAC or 115 ~ 300VAC						120-275VAC	
	Frequency Range	50/60Hz(adjustable) 50Hz:46-54Hz ; 60Hz:56-64Hz							
	Power Factor	0.97							
Connection		IEC320-10A inlet	IEC320-16A inlet	IEC320-10A inlet	IEC320-16A inlet	Terminal Block			
Output	Phase	Single Phase							
	Voltage	110/115/120Vac or 220/230/240VAC ± 2%						220/230/240VAC± 1%	
	Frequency	45~54Hz or 50Hz ± 0.2Hz (Line mode) 56~64Hz or 60Hz ± 0.2Hz(Line mode)							
		50Hz±0.2Hz(Battery mode) ; 60Hz±0.2Hz(Battery mode)							
	Waveform	Pure Sine Wave							
	Overload Capability	110%~150% for 30 sec., 150% for 200ms						105%~125% for 1 min, 125%~150% for 30sec	
Current Crest Ratio	3:1								
Connections		IEC320 - 10A* 4	IEC320 - 10A* 4	IEC320 - 10A* 4	IEC320 - 10A* 4	IEC320 - 10A* 4	IEC320 - 10A* 4	IEC320-10A * 2 and Terminal Block	
Bypass	Automatic Transfer Before UPS Power-on	on overload and UPS failure Default "NO", user adjustable to "YES"						Yes	
	Transfer Time	0 ms; less than 4 ms from inverter to bypass and vice versa						Zero	
LED /LCD indicators		Load level / Battery level, Battery , Utility Power, Inverter, Bypass, Overload, Fault							
	Audible Alarm	Bypass, On battery mode, Battery low, Overload, Fault							
Communications		RS-232 Serial Interface Intelligent Slot;							
		OPTIONS: WEBPOWER SNMP/WEB card, AS400 card or WinPower CMC)							
Network Surge Protection		RJ45 I/O port available for network or Fax/Modem							
Environmental	Operating Temperature	0 ~ 40°C							
	Operating Humidity	20 ~ 90% non-condensing							
Main Unit	Net Weight (Kg)	13.9	3U:28.5 2U:8.5	3U:29.6 2U:10	7.5	8.9	10.5	18.3	20.3
	Dimensions (W x D x H)mm	482x430x88(2U)	482x430x88(2U) or (3U Internal Batteries): 482x620x134		482x430x88(2U)			482x620x134	
Battery Pack	Type	Internal Batteries	External Battery Pack						
	Nominal DC Voltage	36VDC	96VDC		36VDC	96VDC		192VDC	
	Battery Numbers & Capacity	3Pcs 12V7AH	8Pcs 12V7AH	8Pcs 12V7AH					
	Backup Time (Full load)	6 min	7 min (with 1BP)	5 min (with 1BP)	Depending on the capacity of external battery packs				
	Recharge Time	5hrs to 90%	5hrs to 90%	5hrs to 90%					
	Charging Current(Max.)	1.0A	1.0A	1.0A	5/7A±1A	5/8A±1A		4.5A	
	Charging Voltage	41.1Vdc±0.4V	110Vdc±0.4V		41.1Vdc±0.4V	110Vdc±0.4V			
	Net Weight (Kg)	---	25.3	25.3	---	---		---	
Dimensions (W x D x H)mm	---	482x430 x88(2U)	482x430 x88(2U)	---	---		---		

* Product specifications are subject to change without further notice.