



True online UPS

1:1 220V 1-2-3K

RM Series

High
frequency



- ✦ True sine wave
- ✦ Wide input range
- ✦ IGBT technology design
- ✦ Double conversion online
- ✦ Unity input power factor
- ✦ Microprocessor control
- ✦ Zero transfer when AC failure
- ✦ RS232 interface and inbuilt SNMP slot
- ✦ High efficiency design to save electricity
- ✦ Low heat dissipation in long time operation
- ✦ Extended backup time with external battery
- ✦ Designed to operate under Harsh environment



Rear Panel(long backup type)

MODEL	PR-1K-RM	PR-2K-RM	PR-3K-RM	
RATED CAPACITY	700W	1400W	2100W	
INPUT	Input voltage	160-275V AC		
	Input current	6Amax	12Amax	16Amax
	Input Frequency	50Hz ± 5%		
	Input Power factor	> 0.95		
OUTPUT	Output voltage	220V ± 3%		
	Output current	3.2A	6.4A	9.5A
	Output Frequency	50Hz ± 0.5%		
	Output power factor	0.7		
	Output wave form	True sine wave		
	Distortion	Linear load < 4% THD		
		Nonlinear load < 7% THD		
Overload capacity	>130% 20msec. >110% 10sec.			
Load crest ratio	3: 1 max.			
Bypass	0ms AC to Battery mode			
	2.5-4ms AC to bypass mode			
BATTERY	Maintenance free sealed lead acid			
	Battery type	96V DC		
	Battery voltage	36V DC	96V DC	
	With 7Ah battery Backup time	10min(full load)	15min(full load)	10min(full load)
		20min(half load)	30min(half load)	20min(half load)
	Standard charger	1A max.		
Long backup charger	5A	4A		
Recharge time	8hours to 90%			
ALARM	Audible alarm	Beeping every 4s for battery mode		
		Beeping every 1s for battery low		
		Beeping 2times every 1s for overload		
		Beeping continuously for UPS fault		
PHYSICAL	Dimension	57x49x14cm (2U), Battery cabinet same size		
	UPS Weight	10.5Kg(Gross)	14Kg(Gross)	15Kg(Gross)
		18Kg(Gross)	33Kg(Gross)	34Kg(Gross)
	With battery cabinet	Inbuilt 3x12V 7Ah	external 8x12V 7Ah cabinet	
PACKING	Dimension	57x49x14cm (2U), Battery cabinet same size		
	20FCL quantity	750pcs	750/600pcs	
	40FCL quantity	1450/1250pcs	1450/650pcs	
	40HQ quantity	1700/1400pcs	1700/750pcs	
ENVIRONMENT	Temperature	0-40°C		
	Humidity	0-95% non-condensing		
	Altitude	<1500m		
	Noise	< 45dB @ 1m		
	Storage	- 25-55°C		
COMMUNICATION	RS232 Interface	UPSilon-2000 monitoring software		
	SNMP intelligent slot	Netmate II (option) with IP manager and browser		
	RJ45 I/O port	For network fax/modem surge protection		
STANDARD	EC LVD 73/23/EEC	EN 50091-1-1:1996; EN 60950:1992+A1-A3:1993		
	EMC 89/336/EEC	EN 50091-2:1995; EN61000-3-2:2000;EN61000-4-5:1995; EN61000-3-3:1995+A1:2001		
CERTIFICATE	CE APPROVAL	No.0605006-0605011		