

# RM Series Rack-Mounted Modular Online UPS 25-200kVA ( 380V/400V/415V )

The RM Series Rack Mounted Modular UPS is scalable, hot-swappable, online double conversion. The power capacity is from 25 to 200kVA/kW, it's the ideal choice for modern data center. With the latest IGBT three-level and full DSP control technology, the new RM series delivers the best combination of reliability and flexibility.



## Application

IDC(Internet Data Center), network servers and workstation, control system, communication system, office, PC etc

## Features

- High Power Density  
25kVA power module in 2U height, saving great amount of space, easy for capacity expansion
- Rack Modular Design  
Module design, compatible with 19" standard rack cabinet, convenient to be integrated with servers
- Battery Cold Start  
UPS can be powered on from the battery without utility
- Friendly Interface  
Touch LCD display with abundant information

## Specification

MODEL		RM150/25C	RM200/25C
System Capacity		150kVA	200kVA
Power Module Capacity		25kVA/25kW	
Input	Dual Input	Optional	
	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)	
	Input Voltage Range	304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage	
	Rate Frequency	50/60Hz	
	Input Frequency Range	40Hz ~ 70Hz	
	Input PF	>0.99	
Bypass	Input THDi	<3% ( 100% Linear load )	
	Rate Voltage	380/400/415Vac (line-line)	
	Rate Frequency	50/60Hz	
	Input Voltage Range	Settable, -40% ~ +25%	
	Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz	
	Bypass Overload	110% long term operation; 125% for 5 mins ;150% for 1 min; >150% for 1s	
Output	Rate Voltage	380/400/415Vac (line-line)	
	Voltage Regulation	±1(0~100% linear load)	
	Rate Frequency	50/60Hz	
	Frequency Precision	0.1%	
	Output PF	1	
	Output THDu	<1% , Linear load; <6%, Non-linear load	
	Crest Factor	3:1	
	Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms	
Battery	Voltage	±240Vdc	
	Battery Number	40pcs (Settable: even number from 32 to 44)	
	Voltage Precision	±1%	
	Charge Power	up to 20% * Output active power	
	Battery Cold Start	Standard	
System	Efficiency	AC Mode	96.0%
		ECO Mode	98.0%
		Battery Mode	95.5%
	Display	7.0" color touch screen LCD + LED + keyboard	
	IP Class	IP 20	
	Interface	RS232, RS485, Programmable Dry Contact	
	Option	PDU for RM150/25C,SNMP Card, Parallel kit,SPD, LBS	
	Temperature	Operation: 0 ~ 40 °C Storge: -40 ~ 70 °C	
	Relative Humidity	0 ~ 95% Non-condensing	
	Altitude	<1000m. Within 1000m to 2000m, 1% power derating for every 100m rise	
	Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load	
	Applicable Standards	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3	
Physical	Weight (kg)	Cabinet	140
		Power module	160
	Dimension W*D*H(mm)	Cabinet	482*916*931
		Power module	436*677*85