

RM Series Rack-Mounted Modular Online UPS 25-300kVA (380V/400V/415V)

The RM Series Rack Mounted Modular UPS is scalable, hot-swappable, online double conversion. The power capacity is from 25 to 300kVA/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	RM300/25C
System Capacity	150kVA	200kVA	300kVA
Power Module Capacity	25kVA/25kW		
Input	Dual Input	Optional	Standard
	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)	
	Input Voltage Range	304~478Vac (line-line), full load; 304V~278Vac (line-line),derate from 100% to 75% load	
	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%	
Output	Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz	
	Bypass Overload	110% long term operation; 125% for 5 mins; 150% for 1 min; >150% for 1s	
	Rate Voltage	380/400/415Vac (line-line)	
	Voltage Regulation	±1 (0~100% linear load)	
Battery	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	
	Voltage	±240Vdc	
System	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	
Physical	Efficiency	AC Mode	96.0%
		ECO Mode	98.0%
		Battery Mode	95.5%
	Display	10.0"(300kVA) or 7.0"(150-200kVA) 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		
Weight (kg)	Cabinet	116	200
	Power module	18	
Dimension W*D*H(mm)	Cabinet	482*916*931	482*916*1550
	Power module	436*677*85	