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

Application：

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

Product description：

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.

Product characteristics：

⚡ High Power Density
25kVA power module in 2U height, saving great amount of space, easy for capacity expansion

⚡ Battery Cold Start
UPS can be powered on from the battery without utility

⚡ Rack Modular Design
Module design, compatible with 19" standard rack cabinet, convenient to be integrated with servers

⚡ Friendly Interface
Touch LCD display with abundant information

Product Specifications

MODEL		RM150/25C	RM200/25C
System Capacity		150kVA	200kVA
Power Module Capacity		25kVA/25kW	
Input	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)	
	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（Frequency Range： 40Hz～70Hz）	
	Input PF	>0.99	
	Input THDi	<3%（100% Linear load）	
Bypass	Rate Voltage	380/400/415Vac (line-line)（Settable, -40% ~ +25%)	
	Rate Frequency	50/60Hz（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)±1	
	Rate Frequency	50/60Hz±0.1%	
	Output PF	1.0	
	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)	
	Charge Power	up to 20% * Output active power	
System	Efficiency — AC Mode	96%	
	Efficiency — ECO Mode	98%	
	Efficiency — Battery Mode	95.5%	
	Display	7.0" color touch screen LCD + LED + keyboard	
	IP Class	IP20	
	Interface	RS232, RS485, Programmable Dry Contact	
	Option	PDU for RM150/25C,SNMP Card, Parallel kit,SPD, LBS	
	Temperature	Operation：0～40℃, Storage：-40～70℃	
	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	160
	Weight (kg) — Power module	18	
	Dimension — Cabinet	482*916*931	482*916*1550
	W*D*H(mm) — Power module	436*677*85	