

# RMD 2000/62.5 Series

50~2000kVA Modular UPS



## Power

62.5-2000kVA

## Operation

3/3, Online double conversion

## Installation method

Rack/Tower

## Device-level protection

Extreme reliability, more adaptable

## Large small color touch screen

Friendly man-machine interface

## High power density

Easy installation and maintenance

## Applications

Government, finance, telecommunications, education, transportation, meteorology, radio and television, industrial and commercial taxation, medical and health, energy and power and other industries

## Features

- Fully digital control, flexible and robust.
- 10 inch touch LCD, with IoT functions.
- High reliability and environment adaptability, with protection of components level.
- Intelligent system self-diagnosis, rich fault recording, large capacity of history record storage space.
- Maximum system capacity up to 2.0MVA, the best solution for mega data center.



Model	RMD 400	RMD 500	RMD 800	RMD 1000	RMD 1200	RMD 1500	RMD 2000
Rate power	400kVA	500kVA	800kVA	1000kVA	1200kVA	1500kVA	2000kVA
<b>Main power</b>							
Input	3P5W(3P+N+PE)						
Rate voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)						
Rate freq.	50/60Hz						
Input PF	>0.99						
Current distortion	THDi<3%(100°/* Linear load)						
Voltage range	323~478VAC(L-L)full load; 323~228VAC (L-L) power derate from 100% to 70%						
Freq. range	40-70Hz						
<b>Battery</b>							
Rate voltage	±240VDC						
Charging capacity	20%*Pout						
Charging accuracy	±1%						
<b>Bypass</b>							
Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)						
Voltage range	Range: -40°A- +25% , Settable, default -20% +15%;						
Overload	110%, long time operation 110%< load<125%, 5 mins 125%<load< 150%, 1 min>150%,1 second						
<b>Inverter</b>							
Rate voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)						
Rate Freq.	50/60Hz						
Output PF	1						
Voltage accuracy	±1.0%						
Load response	<5% (20% - 80% -20% step load)						
Recovery time	< 20ms (0% - 100%-0% step load)						
Output THDu	<1%(linear load),<5% (non-linear load according to IEC 62040-3)						
Overload	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms						
Frequency accuracy	0.001						
Synchronize window	Settable, ±0.5Hz-±5Hz, default ±3Hz						
Slew rate	Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S						
Crest factor	3:1						
Phase accuracy	120°+0.5°						
<b>System</b>							
Efficiency	Normal Mode≥96%; Battery Mode≥96%						
Display	LED + 10 inch touch LCD						
Certification-Safety	IEC62040-1, IEC60950-1						
Certification- EMS	IEC62040-2 ; IEC61000-4-2(ESD); IEC61000-4-3(RS) ; IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)						
IP degree	IP20						
Configuration	USB, RS232, RS485, Dry contact, Cold start, Air filter						
Option	SNMP card. AS400 card. Parallel kit. SPD. LBS						
Environment	0-40 °C (operation); -25 °C 70 °C (storage); 0-95% (Humidity, non-condensing )						
Noise(dB) (1 meter)	72dB @ 100% load, 69dB @ 45% load						
<b>Dimension (W*D*H)mm</b>							
Cabinet	600*1000*2000		2000*1000*2000		2600*1000*2000		3200*1000*2000
Module	442*659*174						
<b>Weight (Kg)</b>							
Cabinet	608		1100		1600		2100
Module	41						
Power Module rated capacity	50KW	62.5KW	50KW	62.5KW	50KW	62.5KW	