

RMD Series

100 ~ 1200kVA
Modular UPS



Power range

100~1200kVa

Operation

3P/3P, Online double conversion

Applications

- Government
- Finance
- IT
- Education
- Transportation
- Broadcasting
- Medical
- Energy

Characteristics

- Fully digital control, flexible and robust
- 10 inch touch LCD with IoT functions
- High reliability and environmental adaptability with protection of components level
- Supports battery connection without Neutral
- Maximum capacity of up to 3.2MW the ideal choice for large data centers



TM

Model	RMD600/100E	RMD800/100E	RMD1000/100E	RMD1200/100E
Rate Power	600kVA	800kVA	1000kVA	1200kVA
Main Input-				
Input	3P5W (3P+N+PE)			
Rate Voltage	380/400/415VAC(L-L)			
Rate Freq.	50/60Hz			
Input PF	>0.99			
Current distortion	THDi<2%(100% Linear load)			
Voltage range	304 478VAC(L-L)full load 304 228VAC (L-L) power derate from 100% to 50%			
Freq. range	40-70Hz			
Battery				
Rate voltage	380/400/415VAC(L-L)			
Charging capacity	15%*Pout			
Charging accuracy	±1%			
Bypass				
Rate voltage	380/400/415VAC(L-L)			
Voltage range	Range: -40% +25% , Settable, default -20% +15%			
Overload	110%, long time operation 110%< load<load150%,1s			
Inverter				
Rate voltage	380/400/415VAC(L-L)			
Rate Freq.	50/60Hz			
Output PF	1			
Voltage accuracy	±1.0%			
Output THDu	<1%(linear load),<3% (non-linear load according to IEC 62040-3)			
Overload	110%,1 hour 125%,10 mins 150%,1 min >150%,200ms			
Frequency accuracy	0.1%			
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°			
System				
Efficiency	up to 97%			
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 Top air outlet			
Environment	0-40 (operation) -25 ~70 (storage) 0-95% (Humidity, non-condensing)			
Noise(dB)(1 meter)	72dB @ 100% load, 68dB @ 45% load			
Dimension				
Cabinet(W*D*H)mm	800*1000*2000		1200*1100*2000	
Module(W*D*H)mm		475*705*140		
Weight				
Cabinet	380	390		624
Module		47		
Power Module rated capacity		100KW		