

RMD600/60 Series

50~600kVA Modular UPS



Operation

P/3P, Online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Features

- Fully digital control, flexible and robust.
- 7 & 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 1.8MVA, the best solution for mega data center.



Model	RMD200/50	RMD240/60	RMD300/50	RMD360/60	RMD600/50	RMD600/60
Rate Power	200kVA/200kW	240kVA/240kW	300kVA/300kW	360kVA/360kW	600kVA/600kW	600kVA/600kW
Main input						
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	304 ~ 478VA(L-L) full load; 304 ~ 228VAC (L-L) power derate from 100% to 75%					
Freq. range	40-70Hz					
Battery						
Rate voltage	±240VDC					
Charging capacity	20%*Pout					
Charging accuracy	±1%					
Bypass						
Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)					
Voltage range	Range: -40% -+25%, Settable, default -20% ~ +15%					
Overload	125%, long time operation 125%< load <130%, 10mins 130%<load <150%,1min >150%,300ms		110%, long time operation 110%< load<125%, 5 mins 125%<load<150%,1min >150%,1 second			
Inverter						
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	0.1%					
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	Normal Mode up to 97%; Battery Mode up to 97%					
Display	LED + 7 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					
Dimension						
Cabinet(W*D*H)mm	600*1000*1600		600*1000*2000		1200*1100*2000	
Module(W*D*H)mm	442*659*174					