



RM200/20 Series Modular Online UPS
10-400KVA (380V/400V/415V)
6-240KVA (200V/208V/220V)

Description

RM200 series is modular online UPS for sensitive equipments. The single cabinet power rating covers from 10KVA to 200KVA which delivers the best of combination of reliability, hot-swappable and flexibility. With the latest IGBT three-level technology and DSP control, RM200 achieves a high input power factor, low THDi and high system efficiency, which makes it a great choice for data centers, computer system and critical equipments.



Features

- Modular design with N+X redundancy and online hot swapping ,easy to expand the capacity
- Full DSP control of high stability, reliability and safety
- Integrated IGBT module with improved performance and reduced size
- Excellent input performances for complete compatibility with input PF of 99% and wide range of voltage
- Self-Aging mode for full load test with less than 10% of the total power capacity needed
- Smart charging management system, intelligently control the whole process of the charging and discharging, effectively improve the life time of the battery
- Independent charger for batteries, intelligent battery management system
- Battery cold start, UPS can be powered on from the battery without utility.
- Totally front access, top and bottom cable connection
- Friendly human machine interface with touch screen

Specification

MODEL	RM200/20	RM120/20	RM060/20	RML120/12	RML072/12	RML036/12
	RM150/15	RM090/15	RM045/15	RML100/10	RML060/10	RML030/10
	RM100/10	RM060/10	RM030/10	RML060/06	RML036/06	RML018/06
Capacity	10-400KVA			6-240KVA		
Power Module Type	PM20/PM15/PM10			PML12/PML10/PML06		
INPUT						
Phase	3 Phases + Neutral + Ground					
Voltage	380V/400V/415V(line to line)			200V/208V/220V(line to line)		
Frequency	50/60Hz					
Power Factor	>0.99					
THDi	THDi<3% @100% linear load					
Voltage Range	-20%～25%			-20%～25%		
Frequency Range	40Hz～70Hz					
OUTPUT						
Voltage	380V/400V/415V			200V/208V/220V		
Voltage Regulation	±1%(Balance load); ±1.5%(Unbalance load)					
THDu	THD<1.5%(linear load),THD<6%(None linear load)					
Power Factor	0.8					
Crest Ratio	3:1					
Overload Capability	110% for 1 hour; 125% for 10 minutes ;150% for1 minute; >150% for 200ms					
BATTERY						
Voltage	±240VDC			±120VDC		
Charge Power	20%*System Power					
Charge Power Precision	±1%					
SYSTEM						
System Efficiency	Normal mode:95%; ECO mode:98%; Battery mode:95%			Normal mode:92%; ECO mode:98%; Battery mode:90%		
Display	LCD+LED, Touch Screen +Keyboard					
IP Class	IP20					
Interface(Communication Port)	RS232,RS485,Dry contacts, SNMP card, EPO					
Operation/Storage Temperature	0～40℃/-40～70℃					
Relative humidity	0～95%(non-condensing)					
Noise	55dB(1 meter away)					
PHYSICAL						
Weight	Cabinet	10-Slot cabinet:182Kg; 6- Slot cabinet:151Kg; 3-Slot cabinet:120Kg;				
	Power Module	PM20:22Kg; PM15:21Kg; PM10:20Kg		PML12:22Kg; PML10:21Kg; PML06:20Kg		
Dimension	Cabinet	10-Slot cabinet: 600*900*2000; 6-Slot cabinet: 600*900*1600; 3-Slot cabinet:600*900*1100				
(W*D*H)(mm)	Power Module	PM20/PM15/PM10:440*590*134		PML12/PML10/PML06:440*590*134		