INVERTRONS

RM200/20 Series Modular Online UPS

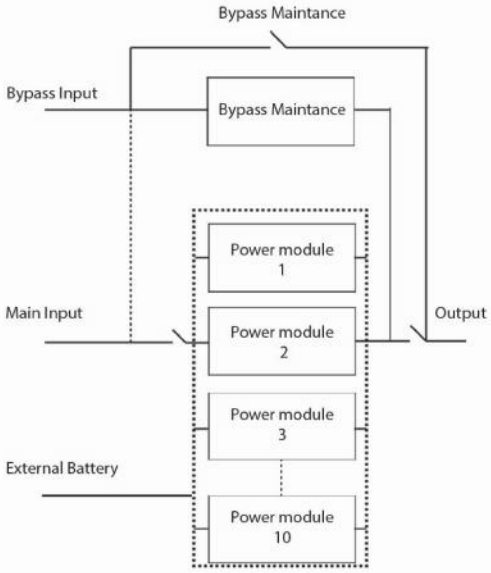
10-400KVA (380V/400V/415V)
6-240KVA (200V/208V/220V)



Description

RM200/20 series is modular online UPS for sensitive equipment. The single cabinet power rating covers from 10KVA to 200KVA which delivers the best 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 systems and critical equipments.

Integrated IGBT module



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
- Excelent 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, inteligently control the whole process of 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

Configuration

SPESIFICATION

Model	RM200/20	RM120/20	RM060/20	RML120/12	RML072/12	RML036/12
	RM150/15	RM090/15	RM045/15	RML100/10	RM060/10	RM030/10
	RM100/10	RM060/10	RM030/10	RM060/06	RM036/06	RM018/06
Capacity	10-400 KVA			6-240KVA		
Power Model Type	PM20/PM15/PM10			PML12/PML/10/PML06		

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SPESIFICATION

Model		RM200/20 RM150/15 RM100/10	RM120/20 RM090/15 RM060/10	RM060/20 RM045/15 RM030/10	RML120/12 RML100/10 RM060/06	RML072/12 RM060/10 RM036/06	RML036/12 RM030/10 RM018/06
Capacity		10-400 KVA			6-240KVA		
Power Model Type		PM20/PM15/PM10			PML12/PML/10/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 (Line to Line)			200V/208V/220V (Line to Line)		
Voltage Regulation		± 1%(Balance load); ±1.5%(Unbalance load)					
THDu		THD<1.5%(Linear load), THD<5%(Non linear load)					
Power Factor		0.8					
Crest Factor		3:1					
Overload Capacity		110% for 1 hour; 125% for 10 minutes; 150% for 1 minutes; >150% for 200ms					
Battery							
Voltage		±240VDC			±120VDC		
Charge Power		20%System Power					
Charge Voltage Precicion		±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, Generator interface					
Installation/Connection		Top or bottom cable connection					
Operation/Storage Temperature		0~40°C/-25~70°C					
Relative Humidity		0~95%(non-condensing)					
Noise		55dB(1 meter away)					
Physical							
Net 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 (WxDxH) mm	Cabinet	10-Slot cabinet: 600x900x2000; 6-Slot cabinet: 600x900x1600; 3-Slot cabinet: 600x900x1100					
	Power Module	PM20/PM15/PM10: 440x590x134			PML12/PML10/PML06: 440x590x134		

Invertrons Power reserve the right to make changes in specifications without notice or liability, all information is considered accurate at time of publishing.

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