

RM Series In-built Battery Modular Online UPS 20-60kVA (380V/400V/415V)

RM060/20B series are modular online UPS with hot-swappable battery. The single cabinet power rating covers from 20kVA to 60kVA which delivers the best of combination of reliability, hotswappable and flexibility.

With intelligent battery protection and management technology, RM060/20B realises a compact total power solution which is easy for installation, maintenance and power expansion.

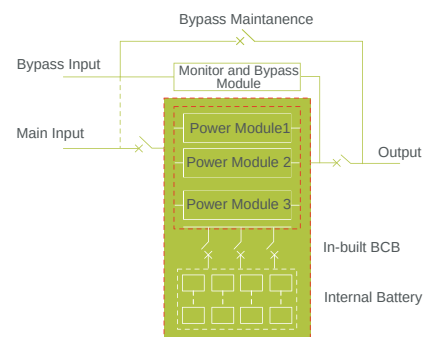


Features

- Modular design with swappable battery package
- Monitor system for battery
- Integrated IGBT module with improved performance and reduced size
- Easy for installation and maintenance
- Easy for power expansion and backup time expansion
- Intelligent protection technology for safe and reliable hot swappable battery package of the system
- Smart charging management system, intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery
- Battery cold start
- Friendly human machine interface with touch screen



10pcs 7 or 9 Ah batteries



Specification

MODEL		RM060/20B
System Capacity		60kVA
Power Module Capacity		20kVA/18kW
Input	Dual Input	Optional
	Phase	3 Phase+Neutral+Ground, 380V/400V/415V(line-line)
	Input Voltage Range	304~478Vac (line-line),full load; 228V~304Vac (line-line),load decreases linearly according to the min phase voltage
	Rate Frequency	50/60Hz
	Input Frequency Range	40Hz ~ 70Hz
	Input PF	>0.99
Bypass	Input THDi	<3% (100% Linear load)
	Rate Voltage	380/400/415Vac (line-line)
	Rate Frequency	50/60Hz
	Input Voltage Range	Settable, -40% ~ +25%
	Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz
	Bypass Overload	125% long term operation; 130% for 1 hour ;150% for 6 mins; 1000% for 100ms
Output	Rate Voltage	380/400/415Vac (line-line)
	Voltage Regulation	1% for balance load; 1.5% for unbalance load
	Rate Frequency	50/60Hz
	Frequency Precision	0.1%
	Output PF	0.9
	Output THDu	<1% , Linear load; <5.5%, Non-linear load
Battery	Crest Factor	3:1
	Inverter Overload	110% for 1 hour; 125% for 10 mins ;150% for 1 min; >150% for 200 ms
	Voltage	±240Vdc
	Battery Number	40pcs (Settable: even number from 32 to 44)
	Voltage Precision	±1%
	Charge Power	up to 20% * Output active power
System	Battery Cold Start	Standard
	Efficiency	AC Mode 95.0%
		ECO Mode 99.0%
		Battery Mode 95.0%
	Display	5.7" touch screen LCD + LED + keyboard
	IP Class	IP 20
Physical	Interface	RS232,RS485, Programmable Dry Contact
	Option	SNMP Card, Parallel kit, SPD, LBS, Dust filter
	Temperature	Operation: 0 ~ 40 °C Storage: -40 ~ 70 °C
	Relative Humidity	0 ~ 95% Non-condensing
	Altitude	<1000m. Within 1000m to 2000m, 1% power derating for every 100m rise
	Noise (1 meter)	55dB @ 50% load
Physical	Applicable Standards	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3
	Weight (kg)	Cabinet: 205kg Power module: 22kg Battery package: 10kg (without battery)
	Dimension W*D*H(mm)	Cabinet 600*1020*2000
		Power module 440*590*134
		Battery package 120*824*177