

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, hot-swappable 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.

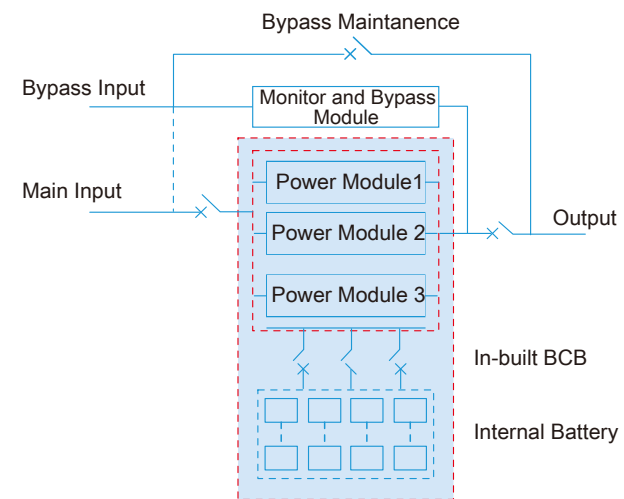


Features

- 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% | |
| Output | Bypass Frequency Range | Settable, ±1Hz, ±3Hz, ±5Hz | |
| | Bypass Overload | 125% long term operation; 130% for 1 hour ;150% for 6 mins; 1000% for 100ms | |
| | Rate Voltage | 380/400/415Vac (line-line) | |
| | Voltage Regulation | 1% for balance load; 1.5% for unbalance load | |
| Battery | Rate Frequency | 50/60Hz | |
| | Output PF | 0.9 | |
| | Output THDu | <1% , Linear load; <5.5%, Non-linear load | |
| | 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) | |
| System | Voltage Precision | ±1% | |
| | Charge Power | up to 20% * Output active power | |
| | 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 | |
| | Interface | RS232,RS485, Programmable Dry Contact | |
| | Option | SNMP Card, Parallel kit, SPD, LBS, Dust filter | |
| Temperature | Operation: 0 ~ 40 °C Storge: -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 | | |
| Applicable Standards | Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3 | | |
| Physical | 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 |