

# MTR-RB

## Modular Online UPS

In-built Hot Swappable Battery

20-60kVa (380V/400V/415V)



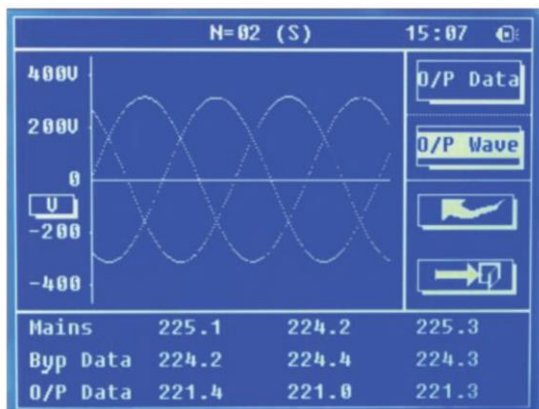
### Product

MTR-RM 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, MTR-RM achieves a high input power factor, low THD and high system efficiency, which make it a great choice for data centers, computer systems and critical equipments.

RM 060/20B series is 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 realized a compact total power solution which is easy for installation and maintenance.

### 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 improve the life time of the battery
- Battery cold start, UPS can be powered on from the battery without utility.
- Friendly human machine interface with touch screen



Model		RM060/20B
Capacity		60kVA / 54kW
Power module type		PM20 (20kVA / 18kW)
<b>Input</b>		
Phase		3 Ph + Neutral + Ground, 380V/ 400V / 415V (line to line)
Voltage range		+20% - 25%
Frequency range		40Hz - 70Hz
Power factor		>0.99
THDi		THDi<3%@100%linear load
<b>Output</b>		
Voltage regulation		±1% (Balance load); ±1.5% (Unbalance load)
THDu		THD<1.5%(linear load ),THD<5%(None linear load)
Power Factor		0.9
Crest ratio		3 : 1
Overload capacity		110% for 1 hour; 125% for 10 minutes ;150% for 1 minute; >150% for 200m
<b>Battery</b>		
Voltage		±240VDC
Charge power		20% * System Power
Charge power precision		±1%
<b>System</b>		
System efficiency		Normal mode : 95%; ECO mode : 98%; Battery mode : 95%
Display		LCD+LED, Touch Screen + Keyboard
IP class		IP20
Interface (Communication port)		Standard : RS232, RS485, Dry contacts; Optional : SNMP
Installation/Connection		Top or bottom cable connection
Operation/Storage temperature		0 - 40°C / -40 - 70 °C
Relative humidity		0 - 95% (non-condensing)
Noise (1 meter away)		≤ 55dB
<b>Physical</b>		
Weight	Cabinet	205Kg;
	Power module	PM20 : 22Kg
	Battery package	10kg (without battery)
Dimension (W*D*H) (mm)	Cabinet	600*1020*2000
	Power module	PM20 : 440*590*134
	Battery package	120*824*177