

MTR-RM

Modular Online UPS

10~90kVA (380V/400V/415)

10~90kVA (220V/230V/240V)



Product

The rack modular, scalable, hot-swappable, online double conversion UPS ranging from 10 to 90kVA, with its flexible configuration of 3/3, 3/1 and 1/1, compact structure, is the ideal choice for small and medium data center.



Features

- **Rack design**
Modular design, compatible with 19" standard rack cabinet, convenient to integrated with servers
- **Flexible configuration**
The system can be configured to 1/1 and 3/1 without de-rating or hardware changing
- **High power density**
10/15KVA power module in 2U height Saving great amount of space, easy for capacity expansion
- **Friendly interface**
7" touch color LCD with graphic display, more information displayed for customer easier for customer to operate
- **Integrated solution for data center**
UPS can integrate with battery cabinet and PDU, offering excellent choice for data center
- **Smart sleep function**
System can intelligently shut down some power modules to increase total load rate, achieving higher efficiency
- **Intelligent charging management**
The system intelligently control the whole process of the charging and discharging, effectively improve shelf life time of the battery
- **Self-aging mode**
Energy internal circle technology, system can run with full load, assuming less than 10% energy

Model	RM060/10X	RM040/10X	RM030/10X	RM020/10X	RM090/15X	RM045/15X	RM030/15X	
Capacity	60kVA/60kW	40kVA/40kW	30kVA/30kW	20kVA/20kW	90kVA/90kW	45kVA/45kW	30kVA/30kW	
Power module	PM10X (10kVA/10kW)				PM15X (15kVA/15kW)			
Input								
Phase	3P+ N + G (380/400/415V)							
Voltage range	304-478Vac (line-line),100% load; 228-304Vac, load de-rated linearly							
Frequency range	40Hz-70Hz							
Power factor	>0.99							
THDi	THDi<4%@100%linear load							
Output								
Voltage	3 phase : 380/400/415V 1 phase : 220/230/240V							
Voltage regulation	1.5%							
Power Factor	1							
THDu	THD<1%(linear load),THD<5.5%(non-linear load)							
Crest factor	3 : 1							
Overload capability	110% for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200 ms							
Battery								
Voltage	±240VDC							
Charge Power	20% * System Power							
Charge voltage precision	±1%							
Physical								
Weight	Cabinet	85kg	51kg	55kg	42kg	85kg	55kg	42kg
	Power Module	15.3kg				15.5kg		
Dimension (W*D*H) (mm)	Cabinet	485*751*1033 (21U)	485*697*575 (11U)	485*751*575 (11U)	485*697*398 (7U)	485*751*1033 (21U)	485*751*575 (11U)	485*697*398 (7U)
	Power Module	436*590*85 (2U)						