

## RM Series Rack-Mounted Modular Online UPS 10-90kVA (380V/400V/415V)

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 modular design

Modular design, compatible with 19" standard rack cabinet, convenient to be integrated with servers

#### High power density

10/15kVA power module in 2U height, saving great amount of space, easy for capacity expansion

#### Integrated solution for data center

UPS can be integrated with battery cabinet, PDU and external maintenance bypass, offering excellent choice for data center

#### Intelligent charging management

The system intelligently control the whole process of the charging and discharging, effectively improving the life time of the battery

#### Flexible configuration

The system can be configured to 3/3, 3/1 and 1/1 without derating

#### Friendly interface

7" touch color LCD with graphic display, more information displayed and easier for customer to operate

#### Smart sleep function

System can intelligently shutdown some power modules to increase total load rate, achieving higher efficiency

#### Self-aging mode

Energy internal circle technology, system can run with full load ,saving more than 90% energy

### Specification

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)			
<b>INPUT</b>								
Phase	3P+ N + G (380/400/415V)							
Voltage range	304-478Vac (line-line),100% load; 228-304Vac, load derated linearly							
Frequency range	40Hz-70Hz							
Power factor	>0.99							
THDi	THDi<4% @ 100% linear load							
<b>OUTPUT</b>								
Voltage	3 phase:380/400/415V 1 phase:220/230/240V							
Voltage regulation	1% for balance load; 1.5% for unbalance load							
Power factor	1.0							
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							
<b>BATTERY</b>								
Voltage	±240VDC							
Charge Power	20%*System Power							
Charge voltage precision	±1%							
<b>SYSTEM</b>								
System efficiency	Normal mode:95% ;ECO mode:98% ;Battery mode:94.5%							
Display	7.0" Color touch screen LCD + LED + Keyboard							
IP Class	IP20							
Interface	Standard :RS232,RS485,Dry contacts; Optional: SNMP							
Operation/Storage temperature	0-40℃/-25-70℃							
Relative humidity	0-95%(non-condensing)							
Noise	56dB @ 50% load (1 meter away)							
<b>PHYSICAL</b>								
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)						