

RM Series Modular Online UPS

The rack modular, scalable, not-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

Flexible configuration

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

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 and easier for customer to operate

Integrated solution for data center

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

Smart sleep function

System can intelligently shutdown 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 improving the life time of the battery

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)		
INPUT								
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						
OUTPUT								
Voltage		3 phase:380/400/415V 1 phase:220/230/240V						
Voltage regulation		1.5%						
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						
BATTERY								
Voltage		±240VDC						
Charge Power		20%*System Power						
Charge voltage precision		±1%						
SYSTEM								
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)						
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)						