

XMOD SERIES



Online Modular UPS

10KVA-60KVA

Applications:



Data Center



Networking



Computer



Banking



Generator compatible

▪ Rack modular design

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

▪ Integrated solution for data center

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

▪ Flexible configuration

The system based on 10kVA power module can be configured to 3/3, 3/1 and 1/1 without derating

▪ Smart sleep function

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

▪ High power density

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

▪ Intelligent charging management

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

▪ Friendly interface

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

▪ Self-aging mode

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

TECHNICAL SPECIFICATIONS

MODEL	RM060/10X	RM040/10X	RM030/10X	RM020/10X
SYSTEM CAPACITY	60kVA	40kVA	30kVA	20kVA
POWER MODULE CAPACITY	10kVA/10kW			
INPUT				
Dual Input	Standard			
Phase	3 Phase + Neutral + Ground, 380V/400V/415V (Line-Line)			
INPUT VOLTAGE RANGE	3 Phase + Neutral + Ground, 380V/400V/415V (Line-Line) 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			
Input THDi	<4% (100% Linear load)			
BYPASS				
Rate Voltage	380/400/415VAC (Line-Line)			
Rate Frequency	50/60Hz			
Input Voltage Range	Settable, -40% ~ +25%			
Bypass Frequency Range	Settable, ± 1 Hz, ± 3 Hz, ± 5 Hz			
Bypass Overload	125% long term operation; 130% for 10mins ; 150% for 1 min; >150% for 300ms			
OUTPUT				
Rate Voltage	380/400/415VAC (Line-Line)			
Voltage Regulation	1% for balance load; 1.5% for unbalance load			
Rate Frequency	50/60Hz			
Frequency Precision	0.1%			
Output PF	1			
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			
BATTERY				
Voltage	± 240 Vdc			
Battery Number	40pcs (Settable: even number from 32 to 44)			
Voltage Precision	$\pm 1\%$			
Charge Power	up to 20% * Output active power			
Battery Cold Start	Optional			
SYSTEM				
AC Mode Efficiency	95.0%			
ECO Mode Efficiency	98.0%			
Battery Mode Efficiency	94.5%			
Display	7.0" color touch screen LCD + LED + keyboard			
IP Class	IP 20			
Interface	RS232, RS485, Programmable Dry Contact			
Option	SNMP Card, Parallel kit, SPD, Power module with battery cold start function			
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)	56dB @ 50% load			
Applicable Standards	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3			
PHYSICAL				
Cabinet Weight (kg)	70	51	55	42
Power Module Weight (kg)	15.3			
Cabinet Dimension (W*D*H,mm)	485 x 751 x 1033	485 x 697 x 575	485 x 751 x 575	485 x 697 x 398
Power Module Dimension (W*D*H,mm)	436 x 590 x 85			