

XMOD SERIES

Online Modular UPS

20KVA-60KVA

Applications:



Data Center



Networking



Computer



Banking



Generator compatible

■ 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 improving the life time of the battery
- Battery cold start
- Friendly human machine interface with touch screen

TECHNICAL SPECIFICATIONS

MODEL	RM060/20B
SYSTEM CAPACITY	60kVA
POWER MODULE CAPACITY	20kVA/18kW
INPUT	
Dual Input	Optional
Phase	3 Phase + Neutral + Ground, 380V/400V/415V(Line-Line)
Input Voltage Range	304~478VAC (Line-Line),full load; 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	<3% (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, ±1Hz, ±3Hz, ±5Hz
Bypass Overload	125% long term operation; 130% for 1 hour ; 150% for 6 mins; 1000% for 100ms
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	0.9
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	±1%
Charge Power	up to 20% * Output active power
Battery Cold Start	Standard
SYSTEM	
AC Mode Efficiency	95.0%
ECO Mode Efficiency	99.0%
Battery Mode Efficiency	95.0%
Display	5.7" touch screen LCD + LED + keyboard
IP Class	IP 20
Interface	RS232,RS485, Programmable Dry Contact
Option	SNMP Card, Parallel kit, SPD, LBS, Dust filter
Temperature	Operation: 0 ~ 40℃ Storge: -40 ~ 70℃
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	
Weight (kg)	Cabinet: 205kg Power module: 22kg Battery package: 10kg (without battery)
Cabinet Dimension (W*D*H,mm)	600 x 1020 x 2000
Power Module Dimension (W*D*H,mm)	440 x 590 x 134
Battery Package Dimension (W*D*H,mm)	120 x 824 x 177