

XMOD SERIES



Online Modular UPS

30KVA-500KVA

Applications:



Data Center



Networking



Computer



Banking



Generator compatible

• Multi Application

- Banking / Finance
- Data center / SMB
- Transportation / Medical
- Telcom / Commercial Building

• Wisdoms

- Breaker status monitoring
- Periodic self clean
- Programmable Alarm output
- Component life auto-diagnostic

• Flexibility

- CV/CF converter
- 3:3 system
- Common Battery Application
- Variable Battery type system

• Performance

- Low THD <3%
- Low Noise < 65 dB
- Widely acceptable V/F
- High Efficiency upto 99%
- High power factor , PF=1

• Humanize

- Easy cold-start
- Easy repairing
- Smart Slot design
- Colorful LCD display & icon

• Safety + Reliability

- Human error alerted
- Full DSP controller
- Full Breaker design
- High Overload capability
- Apply for C2 class device

TECHNICAL SPECIFICATIONS

MODEL	XMOD 120	XMOD 100	XMOD 200	XMOD 300	XMOD 500
FRAME CAPACITY	120kVA/120KW	100kVA/100KW	200kVA/200KW	300kVA/300KW	500kVA/500KW
POWER MODULE SLOT	4	2	4	6	10
PHASE	3 Phases + Neutral + Ground				
INPUT					
Grid System	3 x 400 VAC (3Ph+N)				
Rated Input Voltage	380/400/415VAC (L-L)				
Rated Frequency	50/60Hz				
Input Voltage Range	304~478Vac (Line-Line),full load 228V~304Vac (Line-Line)				
Input frequency Range	40Hz~70Hz				
Input Power Factor	>0.99				
Input Current THDi	<30%				
BYPASS INPUT					
Rated Bypass Voltage	380/400/415VAC (Line-Line)				
Rated Frequency	50/60Hz				
Bypass Voltage Range	+25% ~ -40%				
Bypass Frequency Range	±5Hz				
Bypass Overload	110%, long time operation,125%< load <130%, for 5 minutes,130%<load<150%, for 1 minute,>150%, for 300ms				
OUTPUT					
Rated Inverter Voltage	380/400/415VAC (Line-Line)				
Rated Frequency	50/60Hz				
Output Power Factor	1.0				
Voltage precision	1% for balance load; 1.5% for unbalance load				
Transient Response	<5% for step load (20% - 80% -20%)				
Transient recovery	< 30ms for step load (0% - 100% -0%)				
Output Voltage THDu	<1.5% from 0% to 100% linear load,<6% full non-linear load according to IEC/EN62040-3				
Inverter Overload	<110%, 60 minutes;<125%, 10 minutes;<150%, 1 minute;>150%, 200ms				
Frequency Regulation	50/60Hz ± 0.01%				
Synchronized Range	±0.5Hz ~ ±5Hz				
Synchronized Slew Rate	0.5Hz/S ~ 3Hz/S				
BATTERY AND CHARGER					
Battery Rate Voltage	408 ~ 528 VDC				
Charger Voltage precision	±1%				
Charger Power	1 ~ 20%				
EFFICIENCY					
Normal Operation	96%				
Battery Operation	>95%		96%		
SYSTEM					
Display	LED + LCD + touch screen				
Interface	RS232, RS485, USB,Programmable dry contact				
Option	battery cold start,SNMP,AS400,parallel kit,Lightning protection components,Dust Filter,LBS				
ENVIRONMENTAL					
Operation Temperature	0 ~ 40 °C				
Storage Temperature	-40 ~ 70 °C				
Relative Humidity	0 ~ 95% Non condensing				
Noise (1 meter)	65dB @ 100% load				
Altitude	<1000m, Load derated 1% per 100m From 1000 ~ 2000m				
Standard Appliance	EN61000-2-2/EN61000-4-2/3/4/5/6/8/11 ; EN62040-2/3				
PHISICAL DATA					
Cabinet Dimension(W*D*H,mm)	630 x 980 x 1400	650 x 980 x 1150	650 x 960 x 1600	650 x 1095 x 2000	1300 x 1100 x 2000
Cabinet Weight (kg)	130	120	170	220	450
Power Modue Dimension (W*D*H,mm)	460 x 134 x 790		510 x 700 x 178		
Power Modue Weight (kg)	34		45		