

Multi Application

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

Wisdoms

Breaker status monitoring
Cycling self clean design
Programmable Alarm output
Component life auto-diagnostic
Self diagnostic for system & Battery

Flexibility

CV/CF converter
3:3 system
common battery application
Variable Battery type system

Humanize

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

Performance

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

Safety + Reliability

Humna error alerted
Fully DSP controller
Fully Breaker design
High Overload capability



Model	XMOD 60K	XMOD 90K	XMOD 120K	XMOD 180K	XMOD 300K	XMOD 500K
Frame capacity	60KVA/60KW	90KVA/90KW	120KVA/120KW	180KVA/180KW	300KVA/300KW	500KVA/500KW
Power Module Slot	6	6	4	6	6	10
Mains Input						
Grid System	3 Phases + Neutral + Ground					
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 @full Linear Load	<4%			<3%		
Bypass Input						
Rated Bypass Voltage	380/400/415VAC (Line-Line)					
Rated Frequency	50/60Hz					
Bypass Voltage Range	Selectable, +25% ~ -40%, default -20% ~ +15%					
Bypass Frequency Range	Selectable, ±5Hz					
Bypass Overload capability	<110%		Continue			
	<130%		5 mins			
	<150%		1 min			
	>150%		300ms			
Output						
Rated Inverter Voltage	380/400/415VAC (Line-Line)					
Rated Frequency	50/60Hz					
Output Power Factor	1.0					
Voltage precision	Balance load		1%			
	unbalance load		1.5%			
Transient Response	<5% for step load (20% - 80% -20%)					
Transient recovery	< 30ms for step load (0% - 100% -0%)					
Output Voltage THDu	Linear load		<1.5%			
	Non-Linear load		<6%			
Inverter Overload capability	<110%		60 minutes			
	<125%		10 minutes			
	<150%		1 minute			
	>150%		200 ms			
Frequency Regulation	50/60Hz±0.1%					
Synchronized Range	Settable, ±0.5Hz ~ ±5Hz					
Synchronized Slew Rate	Settable, 0.5Hz/S ~ 3Hz/S					
Battery And Charger						
Battery Rate Voltage	408 ~ 528VDC					
Charger Voltage precision	±1%					
Maximum Charger Power	20%					
Efficiency						
ECO Mode	98%		99%		99%	
Normal Operation	>95%		>95.5%		>95%	
Battery Operation	>94.5%		>95%		>95%	
System						
Display	LED + LCD + touch screen					
Interface	RS232, RS485, USB, Programmable dry contact					
Option	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 (Max 2000m)	Load derated 10% @2000m					
Physical data						
Cabinet Dimension(WxHxD,mm)	485x1033x751	485x1033x751	600x1400x980	600x1600x1100	650x2000x1095	1300x2000x1100
Cabinet Weight (kg)	70	70	130	178	220	450
Power Module Dimension(WxHxD,mm)	436*590*85		460*790*134		510*700*178	
Power Module Weight (kg)	15.3	15.5	34		45	