



FPMO Series

1-3KVA
1:1Phase

Output power factor: 0.7

Application:

Computer center, network center,
communication system,
automatic control system or other critical systems.



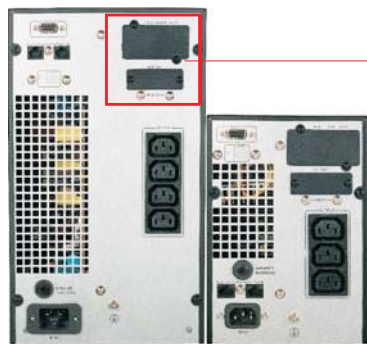
LCD display



Features:

1. Online-Double conversion (PFC)
2. Full digital control (DSP)
3. Economic Operation mode (ECO)
4. Wide input-voltage range
5. Self-testing when UPS startup
6. Cold Start (DC)
7. Multifunctional protection
8. Output bypass settable
9. Input neutral and live wires reverse detection
10. Charger extendible
11. USB port (optional), USB is of automatic priority when USB & RS232 work together.

Rear Panel



Intelligent slot optional



Optimized battery configuration

1K-24V, 2K-48V, 3K-72V



Model	FPMO-S 1KVA	FPMO-H 1KVA	FPMO-S 2KVA	FPMO-H 2KVA	FPMO-S 3KVA	FPMO-H 3KVA	
Capacity(VA)	1000VA/700W		2000VA/1400W		3000VA/2100W		
Input	Phase	Single phase & Ground					
	Rated Voltage	220VAC					
	Voltage Range	115VAC-295VAC					
	Frequency Range	45-55Hz±0.5Hz or 55-65Hz±0.5Hz auto sensing					
	Power factor	≥0.98					
	Bypass voltage	186VAC-252VAC					
	Current harmonic	≤7%(100% non-linear load)					
Output	Phase	Single phase & Ground					
	Rated Voltage	200/208/220/230/240VAC(optional)					
	Power Factor	0.7					
	Voltage precision	±2%					
	Output Frequency	Utility Mode	Follow utility				
		Battery Mode	(50/60±0.2%) Hz				
	Crest Factor	3 : 1					
	Transfer Time	(Utility→Battery) =0ms					
		(Utility→Bypass) < 4ms					
	Overload Capacity	Battery Mode	108%±5%<Load≤150%±5% exceed 30s, cut off and alarm 150%±5%<Load<200%±5% exceed 300ms, cut off and alarm				
		Utility Mode	108%±5%<Load≤150%±5% exceed 30s transfer to bypass and alarm, 150%±5%<Load<200%±5% exceed 300ms transfer to bypass and alarm				
Efficiency	Utility mode	86%					
	Battery Mode	84%					
THD	≤3% (100% linear load)						
	≤5% (100% non-linear load)						
Battery	Voltage	24VDC	24VDC	48VDC	48VDC	72VDC	
	Battery configuration	2x12V/7AH		4X12V/7AH		6X12V/7AH	
	Type	12V/7AH (Standard)					
	Backup Time	50% load≥5min(Standard), Long time unit depends on the capacity of external battery.					
	Charge Current(A)	1A	4A	1A	4A	1A	4A
Communication Interface	Rs232, optional (USB port, USB card, SNMP card, Dry contact card)						
Operating Environment	Temperature	0°C ~ 40°C					
	Humidity	0 ~ 95% (Non condensing)					
	Storage temperature	-25°C ~ 55°C					
	Altitude	<1500m					
Others	Unit Dimensions(W×D×H)(mm)	144x36x215			191x428x337		
	Weight (Kg)	10.2/11	5.2/6	19.5/21.1	9.5/11.1	24/25.6	9.7/11.3
Industry Standard	YD/T 1095-2000						