

FPMO Series

6-10KVA
1:1Phase

Application:

PC, workstation, server, bank, industry equipment, IT equipment, communication system or networking equipment



Features:

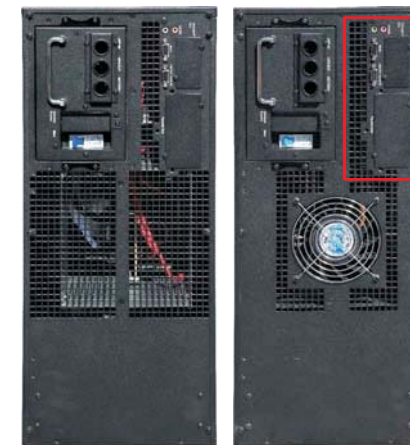
1. Online Double conversion
2. Non transfer time of output
3. PFC technology
4. Full digital control (DSP)
5. Input current harmonic: 5%
6. Charging /Rectifier/Inverter fully digital control technology
7. Economic Operation Mode (ECO)
8. Wide voltage range: 120VAC-276VAC
9. Wide input frequency range: 40Hz-70Hz
10. Self-testing when UPS startup
11. Input over/under-voltage protection
12. Automatic Bypass
13. Cold start (DC)
14. Fault isolation

Output power factor:0.8
Soft-switching technology

Redundant parallel *16



Rear Panel



6K

10K



Parallel module



Centralized monitoring card



Relay Card



SNMP

Intelligent slot optional



Communication port:

Rs232 port, dry contact, RS485*2



Optimization battery group:

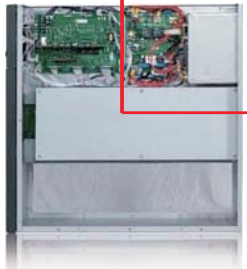
16/18/20 pieces (optional)



Control Panel

Up to 50 items set by LCD

Layout



Dismountable MBM module

Model		FPMO 6KVA	FPMO 10KVA	
Capacity		6000VA/4800W	10000VA/8000W	
Input	Phase	Single phase & Ground		
	Rated Voltage	220/230VAC		
	Voltage Range	120VAC-276VAC		
	Frequency Range	40Hz-70Hz		
	Power Factor	≥0.99		
	Bypass Voltage Range	Max.voltage: +15%(optional +5%、+10%、+25%) Min. voltage: -45% (optional -20%、-30%) Frequency protection range: ±10%		
	ECO Range	same as the bypass		
	Harmonic Current	≤5%(100% non-linear load)		
Output	Phase	Single phase & Ground		
	Rated Voltage	220/230VAC		
	Power Factor	0.8		
	Voltage Precision	±2%		
	Output Frequency	Utility Mode	±1%、±2%、±4%、±5%、±10% of the rated frequency(optional)	
		Battery Mode	(50±0.2%) Hz	
	Crest Factor	3 : 1		
	Transfer Time	Utility to Battery: 0ms Utility to bypass: 0ms (following)		
	Overload Capacity	Loads≤110% , 60min , ≤125% , last 10min , ≤150% , last 1min , ≥150% , shut down UPS immediately.		
	THD	≤2%		
Efficiency		ECO mode≥98% ; Normal mode≥90%		
Battery	Voltage	±96V±108V±120V DC; battery quantity (optional)		
	Backup Time	Full load≥2min(Standard), Long time unit depends on the capacity of external batteries.		
	Charge Current	1A(Standard) ; Maximum 6A		
Communication Interface		RS232, Optical coupler dry contact, RS485,SNMPcard (optional) , Parallel card (optional) ,Centralized monitoring card		
Operating Environment	Temperature	0°C ~ 40°C		
	Humidity	0 ~ 95% non condensing		
	Storage Temperature	-25°C ~ 55°C		
	Altitude	< 1500m		
Other	Unit Dimensions	250x590x655mm	250x590x655mm	
	WxDxH (mm)			
	Weight (Kg)	70kg(Standard)/30(Long time unit)	80kg(Standard)/40(Long time unit)	
Industry Standard		CE,EN/IEC 62040-2,EN/IEC 62040-1-1		