

Output power factor: 0.9



Multifunctional bracket



FPMO-RT Series

1-3KVA
1:1Phase

Application:

PC, workstation, network center, SOHO, server, industry equipment, medical equipment, or other critical system.

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. Secondary power down function
8. Multifunctional protection
9. Output bypass can be set
10. Input neutral and live wires reverse detection
11. Charger can be extended
12. Diverse options of accessories, intelligent management

Rear Panel



© Intelligent slot optional



USB



SNMP



Dry contact Board

LCD display



Two directions LCD display



Rack-Tower convertible



© Optimized battery configuration
1K-24V, 2K-48V, 3K-72V



Model		FPMO-RTS 1KVA	FPMO-RTH 1KVA	FPMO-RTS 2KVA	FPMO-RTH 2KVA	FPMO-RTS 3KVA	FPMO-RTH 3KVA	
Capacity(VA)		1000VA/900W		2000VA/1800W		3000VA/2700W		
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						
	ECO Range	200VAC-240VAC						
	Bypass Voltage Range	186VAC-252VAC						
	Current harmonic	≤7%(100% non-linear load)						
Output	Phase	Single phase & Ground						
	Rated Voltage	200/208/220/230/240VAC(optional)						
	Power Factor	0.9						
	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					
			(Utility↔ECO) < 10ms					
			(Battery↔ECO) < 10ms					
	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	87%		88%		88%	
Battery Mode		85%		85%		85%		
THD		≤3% (100% linear load)						
		≤5% (100% non-linear load)						
ECO Efficiency		≥94%						
Battery	Voltage	24VDC	24VDC	48VDC	48VDC	72VDC	72VDC	
	Battery configuration	2x12V/9AH		4X12V/9AH		6X12V/9AH		
	Type	12V/9AH Free maintenance High-Rate Sealed Lead Acid battery(Standard)						
	Backup Time	Full load≥5min(Standard), Long time unit depends on the capacity of battery.						
	Charge Current(A)	1A	7A	1A	7A	1A	7A	
Communication Interface		RS232 port, 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						
Other	Unit Dimensions(W×D×H)(mm)	440×380×86.5			440×520×131			
	Weight (Kg)	12/14.5	7/9.5	21.5/24.5	11.5/14.3	26/28.8	11.7/14.5	
Industry Standard		YD/T 1095-2000						