



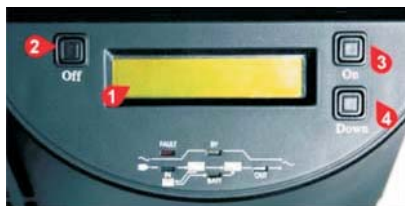
## FPG800 Series 1-15KVA 1:1Phase

### Application:

critical servers, storage application and other networking equipment.



## Control Panel



1. LCD
2. OFF switch
3. ON switch
4. Scroll button

## Features:

1. True on-line double conversion design providing all power protection
2. Sine wave pulse width modulation.
3. IGBT inverter design
4. Wide Input voltage windows
5. Pure sine wave output with less than 3% THD
6. Expandable backup time
7. Generator compatible
8. Cold start
9. Load/Battery power meter display
10. Overload, on-line, battery status LED/LCD
11. Advanced Battery Management
12. Automatic charging in UPS off mode
13. Zero transfer time on AC mode to/ from battery mode, AC mode to/ from bypass mode
14. Smart RS-232 communication port
15. Optional SNMP card and Dry card

- © Output Isolation,
- © Optional battery voltage 48vdc or 192vdc.
- © IGBT module inverter

Model	FPG801	FPG802	FPG803	FPG804	FPG806	FPG808	FPG810	FPG812	FPG815									
Capacity	1KVA	2KVA	3KVA	4KVA	6KVA	8KVA	10KVA	12KVA	15KVA									
Input	Voltage Range									170-270VAC or 85-135VAC								
	Frequency									50/60Hz± 5%								
	Phase									Single phase + GND								
	Max input current(110V)			12A	24A	36A	48A	72A	96A	120A	144A	180A						
	Max input current(220V)			6A	12A	18A	24A	36A	48A	60A	72A	90A						
Output	Voltage Range									220VAC ±1% or 110VAC± 1%								
	Frequency									50/60Hz 0.5%								
	Phase									Single phase + GND								
	THD									<3%(linear load)								
	Power Factor									0.8								
	Short Circuit Protection									Current limit, turn off automatically, Switch protect								
	Overload Capacity									Overload 110%-150% , 20s later go to bypass,automatically resume when load become normal								
Battery	Type									Sealed lead acid, maintenance free								
	DC			48VDC(192V Optional)			192VDC											
	Charge current		4.2A	4.2A	4.2A	4.2A	4.2A	4.2A	4.2A	4.2A	4.2A							
	Charge Time									90% capacity after 8 hours								
Panel indication	LCD									Working mode, I/P and O/P voltage, I/P and O/P frequency, Battery voltage, load percentage, UPS inner temperature								
	LED									low battery, online, inverter, bypass, abnormal								
Efficiency	Whole unit									>0.85								
Communication	1.Power status 2.UPS shutdown 3.monitor UPS status 4.UPS self test 5.auto-save files																	
Protection	Surge protection,Over load, over temperature, Short protection, and so on.																	
Audible Noise	<55 db at 1 meter																	
Environment	Temperature									0-40								
	Humidity									0%-95%								
General	Net/Gross weight (without battery) kg		46/61	63/78	75/90	65/85	69/89	105/135	115/145	125/155	262/302							
	Unit Dimension (W x D xH)mm		230x670x538			230x635x700			305x650x867			725x430x1180						
	Packing Dimension (W x D xH)mm		410x780x770			410x810x950			550x853x1090			1010x740x1510						

## Rear Panel

