



FPS Inverter 3.5KVA-5KVA

Application:

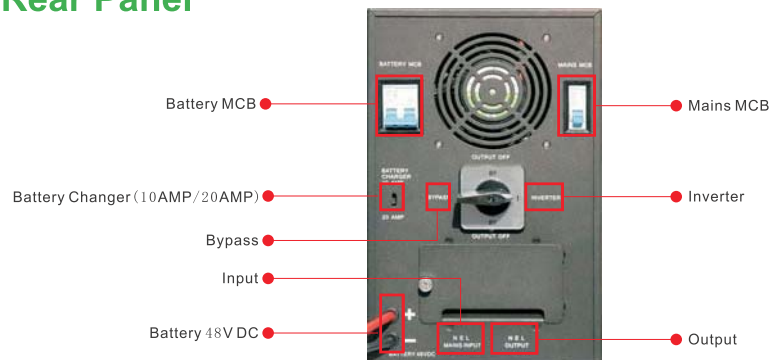
Lighting, fan, TV, refrigerator, washing machine, water heater, cleaner, air-condition, micro-wave oven and other home appliances

Features:

1. LCD display
2. Pure sine wave output
3. high-current charger design, charge current 10A/20A optional.
4. strong load adaptability
5. adapt to harsh environment, compatible with generators.



Rear Panel



Model		FPS 3500	FPS 5000		
Capacity		3.5KVA	5KVA		
Battery	rating battery voltage	48V	48V	96V	
	boost charging voltage(±1V)	57.6V	57.6V	115.2V	
	float charging voltage(±1V)	54V	54V	108V	
	charging current	10A/20A option			
	back up time	depending on battery AH & load			
Input(mains)	phase	single phase			
	rating input voltage	220 or 230VAC			
	rating input frequency	50HZ			
	input voltage range	130V to 290V			
	input frequency range	38 to 70HZ			
Output(at inverter mode)	phase	single phase			
	voltage	220v ±10%			
	frequency	50HZ±0.5HZ			
	output load	5KVA at 0.8PF			
	Peak efficiency	85%			
	crest factor	>3:1			
	total harmonic distortion	<5%(Linear load)			
	change over time	<50msec			
	protection	over load	over temperature		
		battery voltage low	Mains MCB trip		
		short circuit			
		Unit Dimension (W×D×H) mm	350x230x480	400x230x480	
		Net Weight (kg)	27	36	36.5
Operating environment	operating temperature	0 to 40°C			
	storage temperature	-25°C to 50°C			
	Relative humidity	20% to 95% non condensing			
	Altitude	<1000m,if over 1000m,refer to IEC62040 lower rating			
Other	indications and alarm	LED+LCD screen for indication and buzzer for audible			
	relative noise	<55db(1m)			

LCD Display



- ⊙ Pure sine wave output
- ⊙ Fast charging speed
- ⊙ Wide input voltage and frequency range