

FPS series 1KV-3KV

Application:

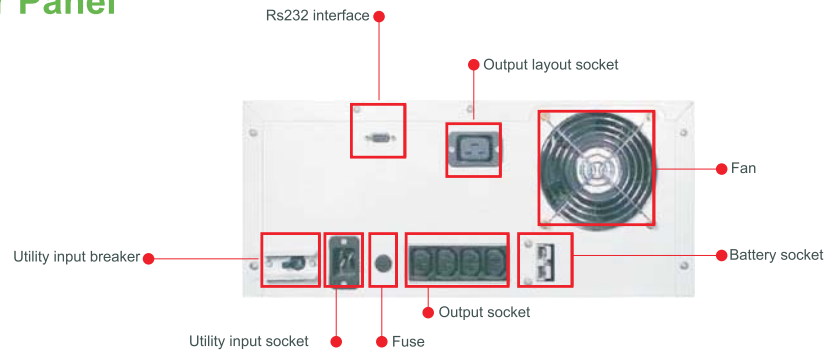
rack mounted AC-based applications of servers , routers and other equipment in central office of telecom, railway and electric power systems

Features:

1. 1.9inch rack mount
2. Sine wave pulse width modulation
3. IGBT inverter design.
4. Pure sine wave output with less than 3% THD
5. Cold start
6. Load/Battery power meter display
7. LED/LCD display overload, on-line, battery status
8. Zero transfer time
9. Smart RS-232 communication port
10. Optional SNMP card



Rear Panel



Model	FPS 1000	FPS 2000	FPS 3000	
DC Voltage	48VDC, 110VDC, 220VDC optional			
DC Harmonic Distortion	<40mV			
Power	1KVA	2KVA	3KVA	
Construction	Rack mount			
AC Input	Phase	Single phase + GND		
	Voltage	165-275V or 88-137V		
	Frequency	50Hz or 60Hz ±10%		
AC output	Voltage	220V±1% or 110V±1%		
	Frequency	50Hz / 60Hz±1%		
	Waveform	SPWM sine wave		
	THD	<3%(linear load)		
	Transmit Interfere Limit	0.15-0.5MHz, Peak value<79dB, average<66dB 0.15-30MHz, peak value<73dB, average<60dB		
	Efficiency	>85%		
	Overload	Load current vary of 125% rate value, after 20 sec UPS transfer to bypass, recover automatically		
Transfer time	0ms			
Noise	<55dB			
Protection	DC input	Auto switch off when DC input is low		
	Over temp	When internal temp>85 °C ,transfer to bypass		
	Short circuit	Current limit, fuse and breaker protection		
	Fault	Transfer to bypass automatically		
Alarm	AC Disconnect	Sound every 4S, mute after 30 sec		
	Battery low	Sound every 1 sec, can not mute		
	Overload	Overload indicator LED on, buzzer sounds		
LCD/LED	LCD	AC input/output voltage, frequency, DC input, output power		
	LED	AC mode, bypass mode, inverter mode, overload, low DC input, faulty		
Interface				
Environment	Temperature	0-40 °C		
	Humidity	20%-90%		
Net/Gross Weight (kg)		26/28	35/37	39/41
Unit Dimension (W×D×H) mm		440×380×180		440×490×200
Packing Dimension (W×D×H) mm		590×530×350		650×600×365



Control Panel

1. LCD
2. Output indicator
3. Fault indicator
4. Battery energy indicator
5. Overload indicator
6. Bypass indicator
7. ON switch
8. OFF switch
9. Display switch button
10. Input indicator

◎ Separate output

◎ Bracket design

◎ Optional Voltage: 48V/110V/220V