

## FPSA Series

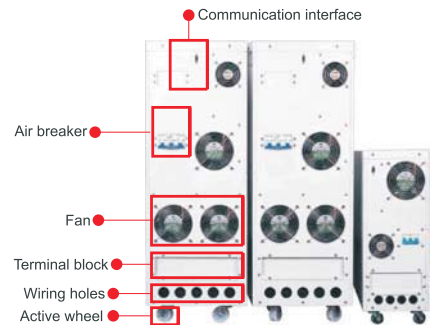
48V/110V/220V

### Application:

AC-based applications of servers, storage equipments



### Rear Panel



### Features:

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

◎ Separate output

◎ Optional voltage: 48V/110V/220V



### 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

Model	48V for Telecom	110V for Railway	220V for Electric Power						
	FPSA-S1KVA-S10KVA	FPSA-D1KVA-D20KVA	FPSA-E1KVA-E30KVA						
Capacity		1KVA-10KVA	D1KVA-D20KVA	E1KVA-E30KVA					
DC Input	Voltage	48V	110V	220V					
	Voltage Range	40-57V	92-131V	184-261V					
	Relative Harmonics	<40mV	<40mV	<40mV					
AC Input	Phase	Single phase + GND							
	Voltage	220V±20%							
	Frequency	50Hz/60Hz±5%							
AC Output	Voltage	220V±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	If load current becomes bigger than 125% rated current, 20s later, UPS transfer to bypass, recover automatically when load become normal							
Transfer Time	0ms								
Noise		<55dB							
Protection	DC Input	Auto switch off when DC input is low							
	Over Temp	When internal temperature >85 °C, transfer to bypass							
	Short Circuit	Current limit, fuse and breaker protection							
	Fault	Transfer to bypass automatically							
Alarm	Bypass Failure	Sound every 4S, mute after 30 sec							
	DC Low	Sound every 1 sec, can not mute							
	Overload	Overload indicator LED on, buzzer sounds							
	Fault	Faulty indicator LED on, buzzer sounds							
LCD LED	LCD	Display AC input and output voltage, frequency, DC voltage							
	LED	AC input, bypass output, inverter output, overload, low DC input, faulty							
Interface		Smart Rs232							
Environment	Temperature	0--40°C							
	Humidity	0%-90%							
Insulative Resistance		EN50081, EN55022							
Insulative Intensity		EN50081, EN55022							
Capacity		1KVA	2KVA	3KVA	4KVA	6KVA	10KVA		
Weight (kg)		50	65	75	66	70	100		
Unit Dimension (W×D×H) mm		200×608×538			310×560×870				
Packing Dimension (W×D×H) mm		320×730×610			490×790×930				
Capacity		15KVA		20KVA		25KVA		30KVA	
Weight (kg)		240		280		330		360	
Unit Dimension (W×D×H) mm		740×470×1180							
Packing Dimension (W×D×H) mm		950×675×1315							