

i Series

High Frequency Online UPS 1-3KVA (1ph in/1ph out)



Key Features

- User friendly
- Low distortion
- Pure sine wave output
- Double conversion online
- Wide range of input voltage
- Compact Design, Lower Noise
- Intelligent battery management
- Large blue backlight LCD display
- Automatic alarm; Self-testing function
- Input PFC (power factor correction) technology
- Restart automatically when electricity is restored

Comprehensive Protection

- Output overload
- Short circuit protection
- Static bypass protection
- Under-voltage protection
- Self diagnostics upon boot-up
- Inverter over-temperature protection
- Battery over/under voltage protection

Intelligent Management

- Optional USB port
- Optional Relay card
- Optional SNMP card
- Supports timing boot up/shut down
- Supports timing UPS self-test function
- Intelligent Power Management Software
- Standard RS232 interface for local monitoring
- Support real time graphical user interface function

Personal
Computers



Network



Industry



Medical



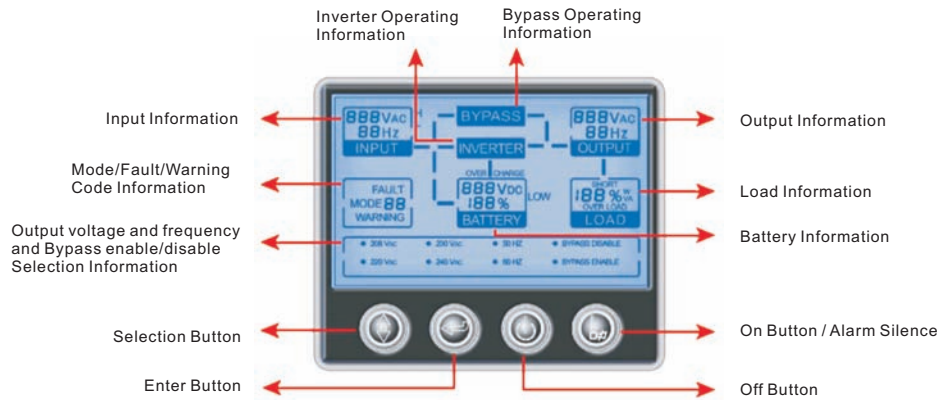
Telecom



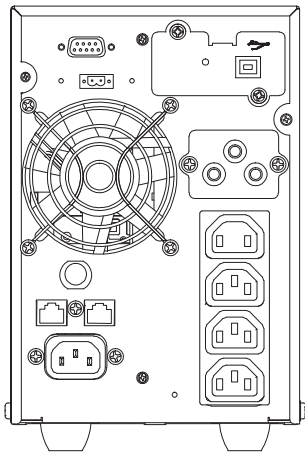
Local area
Networks



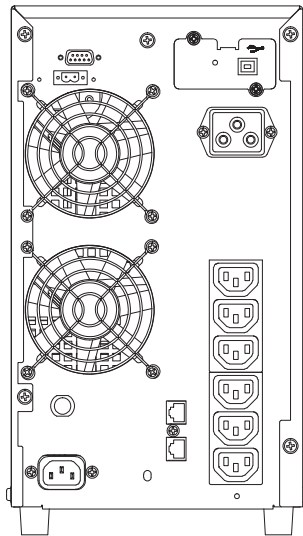
Trendy & Elegant LCD Design for real-time UPS system information:



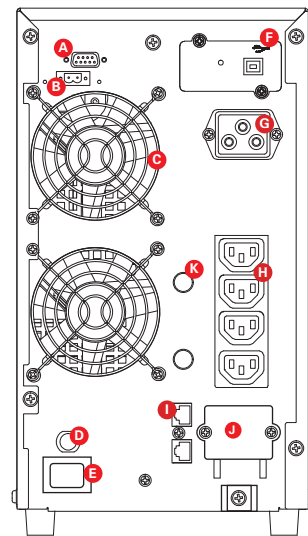
Back Panel Description:



i 1CK



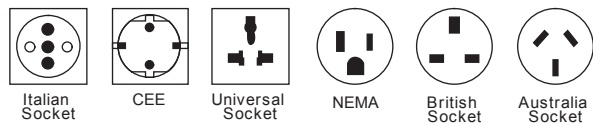
i 2CK



i 3CK

- A** Communication Port
- B** EPO
- C** Cooling Fan
- D** Breaker
- E** Input Plug
- F** Intelligent Slot /USB Port(Optional)
- G** External Battery Socket (For Long Backup Time UPS Only)
- H** Output Socket
- I** Network/Fax/Modem Surge Protection
- J** Output Terminal
- K** Fuse

Available sockets



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i Series Technical Specifications

Model	i series 1-3KVA						
	1CK	1CK-XL	2CK	2CK-XL	3CK	3CK-XL	
Rated Power	1KVA/0.7KW		2KVA/1.4KW		3KVA/2.1KW		
Rated Voltage	220/230/240VAC						
Rated Frequency	50/60 Hz						
Input							
Voltage Range	115~295VAC (± 3 VAC)						
Frequency Range	50HZ: (46~54HZ); 60HZ:(56HZ~64HZ)						
Power Factor	> 0.98						
Output							
Voltage Regulation	220/230/240X (1 \pm 2%)VAC						
Frequency Regulation	50/60 Hz \pm 0.05Hz						
Power Factor	0.7/0.8 (Optional)Standard 0.7						
Voltage Distortion	Linear load<3% Non-linear load<6%						
Overload Capability	110%~150% for 30 sec; \geq 150% for 200ms						
Current Crest Ratio	3 : 1						
Transfer Time	0ms (AC mode \rightarrow Battery mode)						
Battery							
DC Voltage	36VDC		96VDC		96VDC		
Recharge Time	5 hours to 90% of capacity after full load discharge						
Recharge Current	1A	4A/8A (Optional)	1A	4A/8A (Optional)	1A	4A/8A (Optional)	
Display							
LCD	Display input/output Voltage, Frequency, Battery voltage, Battery capacity, Loading rate.						
Communication							
Interface	Smart RS232, SNMP(Optional),USB (Optional)						
Environment							
Operation Temperature	0~40 $^{\circ}$ C						
Humidity	0~95% (Non-condensing)						
Storage Temperature	-25 $^{\circ}$ C~55 $^{\circ}$ C						
Sea Level Elevation	< 1500m						
Noise Level (1m)	< 45dB		<50dB		<50dB		
Physics Characteristic							
Weight (KG)	N.W	14	7	31	13.5	31.5	14
	G.W	16	9	33	16	33.5	16.5
Dimensions: (W x D x H)mm	145X400X220			192X460X340			