

100W

DC / AC AVR Stabilivolt/Inversion/AC charge module
AC UPS AVR Stabilivolt/Inversion/AC charge module
2 1-P-XD

10

1 LCD

2 CPU

3 LCD

4 AVR UPS

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6

7 5

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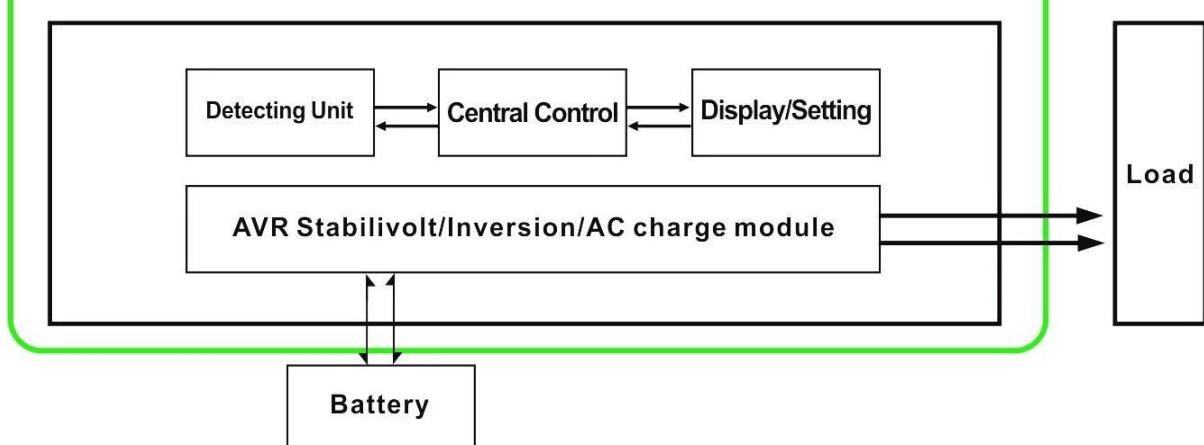
9 CE / EMC / LVD / RoHS

10

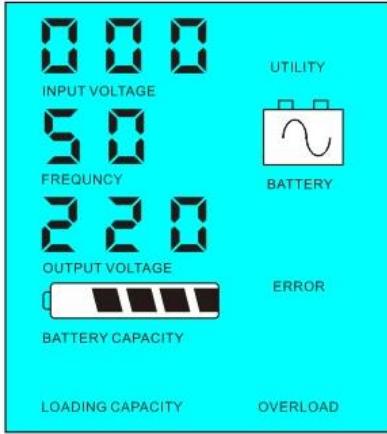
10

1 DC

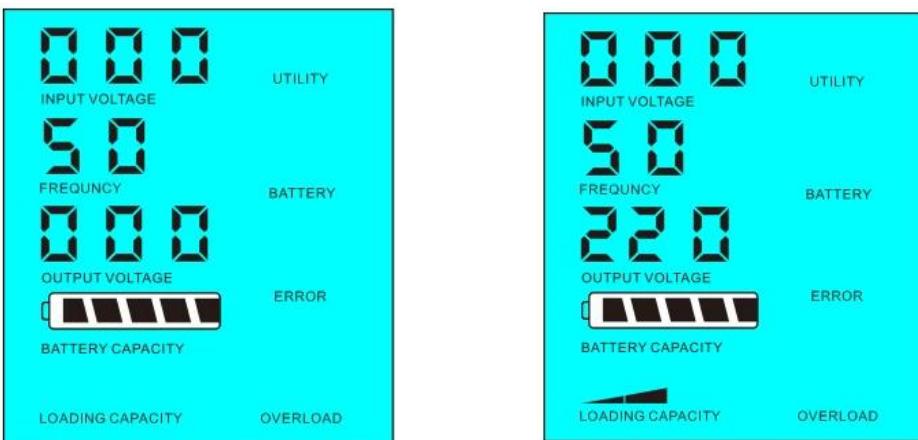
Internal Schematic



1.1 LCD FREQUNCY 01 AC LCD

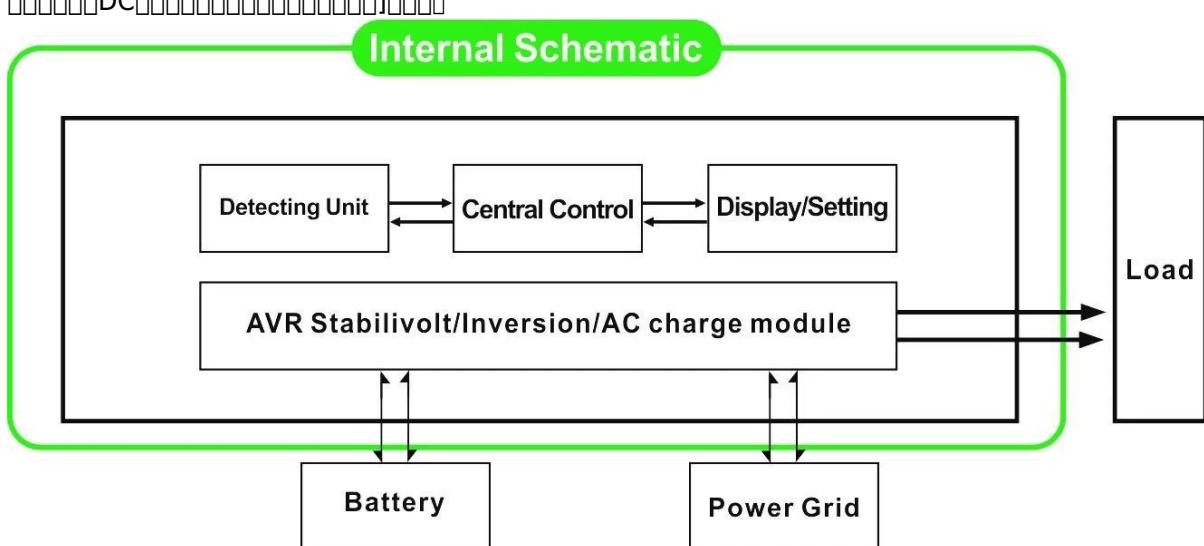


1.2 LCD display shows INPUT VOLTAGE, FREQUENCY, AC output voltage, BATTERY CAPACITY, LOADING CAPACITY, and OVERLOAD. If the AC input voltage is between 110V~120V, the LCD display shows 50Hz. If the AC input voltage is between 220V~240V, the LCD display shows 50Hz. If the AC input voltage is between 110V~120V, the LCD output shows 60Hz.



AC input < 110V or > 240V

2 UPS has two power sources: AC grid and battery. UPS can switch between these two power sources. UPS can also charge the battery from the AC grid.



2.1 UPS has two power sources: AC grid and battery. UPS can switch between these two power sources. UPS can also charge the battery from the AC grid.

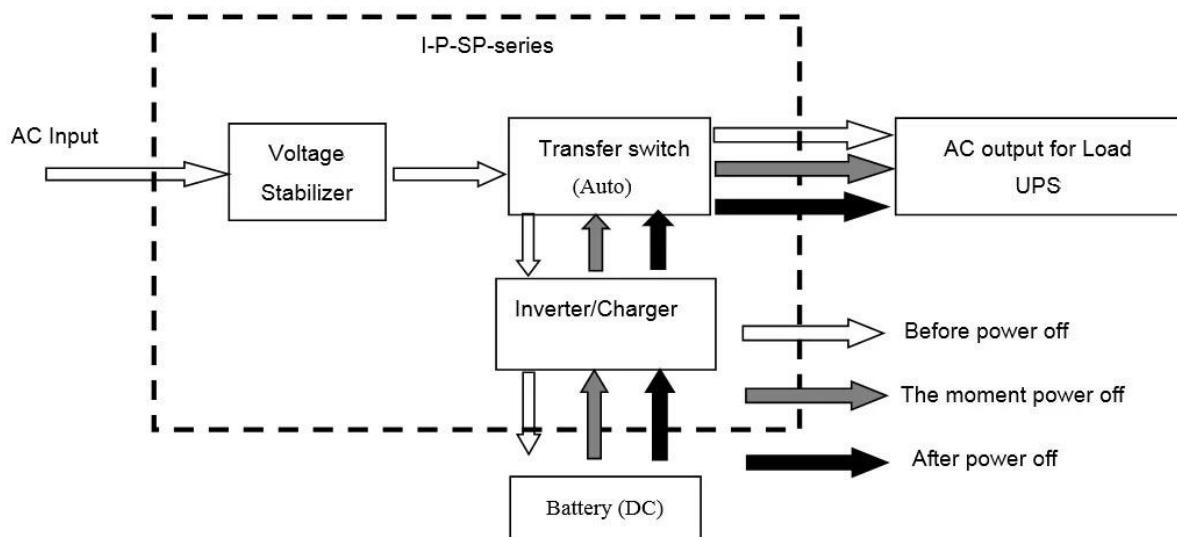
Switching time:

1.1 1ms for AC input voltage change detection and switching.

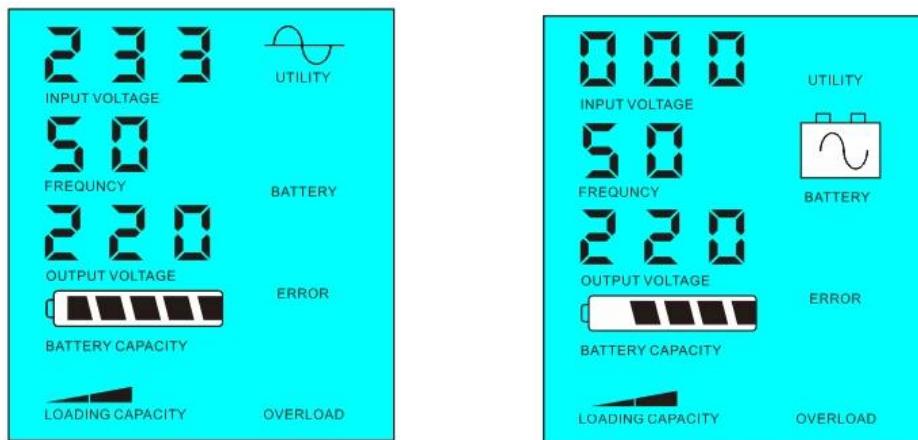
1.2 5ms for DC-AC conversion.

3.3 UPS Working Principle

3.3.1 UPS Working Principle



3.3.2 LCD Display



3.3.3 LCD Display

3.3.4 LCD Display

2.2 UPS LCD Display
DC UPS LCD Display
LCD FREQUENCY
03

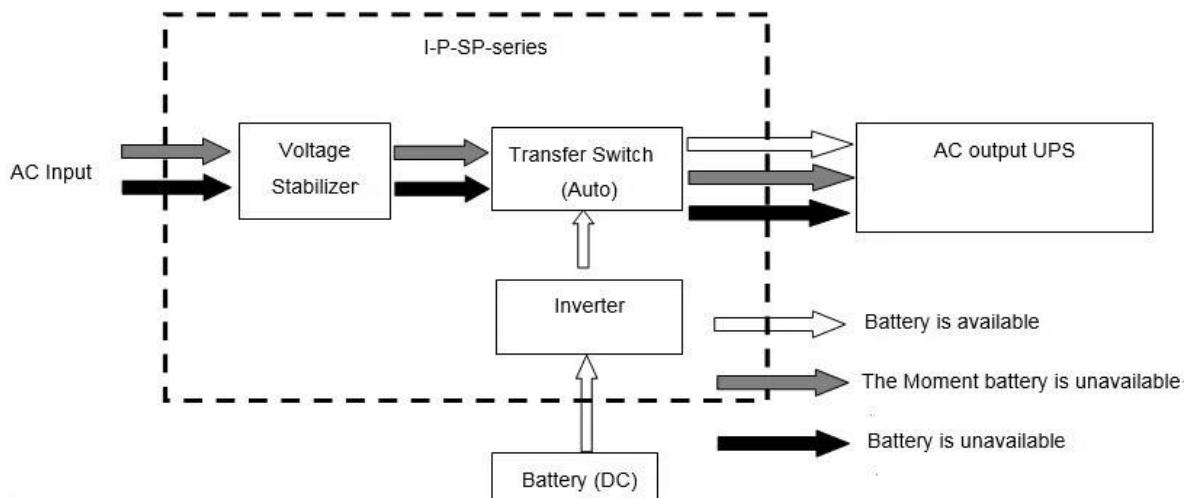
3.3.5 LCD Display

3.3.6 LCD Display

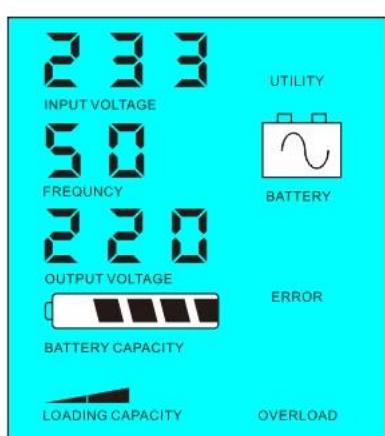
3.3.7 LCD Display

3.3.8 LCD Display

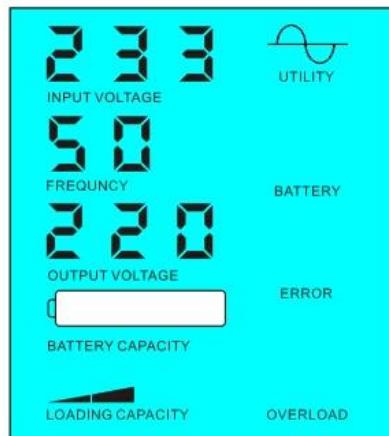
3.3.9 LCD Display



LCD



A horizontal row of twelve empty square boxes, intended for children to draw or write in.



A horizontal row of fifteen empty rectangular boxes, intended for children to write their names in, likely as part of a classroom activity.

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额定容量	3000VA
额定功率	2000W
最大功率	4000W
输出电压DC	24V / 48V / 96V 可选
尺寸W×D×H mm	350 * 220 * 460
重量W×D×H mm	370 * 240 * 480
重量kg	23
重量kg	25
端子接线	
端子1	DC输入端子1，连接DC UPS
端子2	DC输出端子15，连接DC UPS
端子3	DC UPS
AC输入	220V±3% / 35° [110V + 35] ±
AC输入	300 / 60Hz±3° ±50Hz
AC输出	220V±3% / 230V±3% / 240V±3% / 100V±3% / 110V±3%
AC输出	0.5 / 60Hz±0.5° ±50Hz

	AC	015A
	LCD	
		THD<3
		>1201>13010S
	16W	
	13a	
	9080	
	<5msDC / DCACAC	
	-10°C50°C	
	9010	
	≤4000m	

等离子电视

DVD一体机·R&B功放

OEM ODM

等

etc.Research201405052TH





