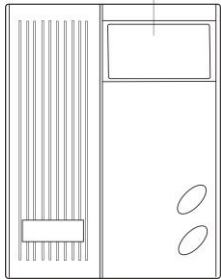
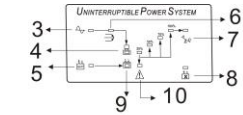
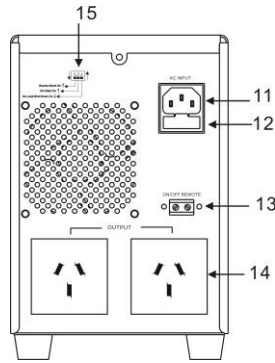


Front



1. ON/OFF button
2. UPS Test button
3. LINE-IN: AC Normal
4. Load Level
5. Battery mode
6. AVR Protection on
7. Over-Load
8. Battery Over Charge
9. Battery Level
10. UPS Cut Off
11. AC Input
12. AC Input Fuse
13. ON/OFF Remote Terminal
14. Output sockets
15. UPS Set up Switch

Rear



**USER MANUAL
PRO 220**

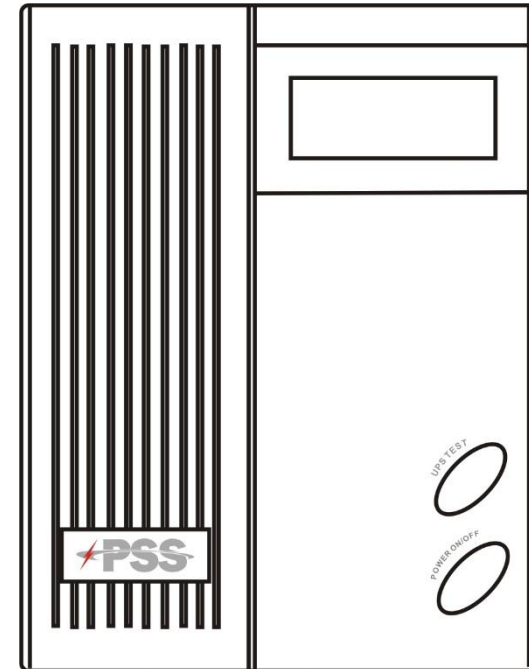
Trouble Shooting Chart		
Fault	Possible Cause	Action to take
No Light and no alarm (UPS not on)	Front panel switch in off position	Turn switch on
	AC power not provided	Check power cord secure, GPO turned on, main breaker is on
	Input fuse burnout	Disconnect main, remove load, replace fuse, restart UPS
No Line-In	AC power not provided	Check power cord secure, GPO turned on, main breaker is on
	Input fuse burnout	Disconnect main, remove load, replace fuse, restart UPS
Backup time is less than rating	Battery is not charged	Re-charge the battery for at least 24 hours, re-test
	Battery failure	Contact PSS for service

UPS Set up switch

Dip1. ↑ Low load auto shutdown: OFF. ↓ Low load (below 50W) auto shutdown: ON.

Dip2. ↑ DC-Start: ON. ↓ DC-Start: OFF.

Dip3. ↑ UPS continue buzzing under backup mode. ↓ Adjust the switch down to silence the audible alarm when UPS is under backup model. The function is disabled when UPS is under condition of "Battery low".



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RTB Warranty Statement

The standard warranty for all PSS Distributors (PSS) products is a 2-year return to base (RTB) warranty based on the original purchase date from PSS. If proof of purchase date cannot be obtained, the warranty duration will be calculated from manufacturing date of the product. PSS's standard procedure is to repair or replace the original product with a new or factory reconditioned product that is the same or closest product available through PSS. PSS will not pay for transportation of products under standard RTB warranty. Warranty will not apply if product is damaged during transportation, product has been opened, tampered with, modified, or repaired in any way beyond normal usage set out by the manufacturer. Product will not be covered under warranty if stored or used in improper or dirty conditions set out by manufacturer. For full warranty terms and conditions please refer to PSS website.

Servicing

- Servicing should only be performed by a qualified PSS Service technician.
- Batteries should only be replaced with PSS Replacement batteries or battery packs.
- UPS should be tested and fully discharged every 6 months to optimise battery life.
- *For servicing contact PSS Directly*

Safety Instructions

DANGER

- This UPS contains High Voltages. All service and repairs should be performed by qualified personnel only. There are no user serviceable parts inside this UPS.
- This UPS contains its own power source (batteries). The output sockets may contain high voltages even when the UPS is not connected to mains.
- Do not remove or unplug the mains input when the UPS is turned on. This removes the safety connection to ground from the UPS and the connected load.

WARNING

- Batteries can present a risk of electrical shock or burn from high short-circuit current. Observe proper precautions. Servicing should be performed by qualified service personnel. Keep unauthorized personnel away from batteries.
- Proper disposal of batteries is required. Refer to your local codes for disposal requirements.
- To reduce the risk of fire, connect only to a circuit provided with branch circuit overcurrent protection in accordance with the National Electrical Code (NEC), ANSI/NFPA 70.
- Output overcurrent protection and disconnect switch must be provided by others.
- To comply with international standards and wiring regulations, the sum of the leakage current of the UPS and the total equipment connected to the output of the UPS must not have an earth leakage current greater than 3.5 milliamperes.
- In an emergency event, turn UPS off and remove mains input plug.
- Do not plug UPS into its own output.

- Batteries provide a chemical hazard. Do not mutilate or open. Electrolytes may be corrosive and harmful to skin or eyes. It may be toxic.
- Install the UPS in a temperature and humidity controlled, indoor environment, free of conductive contaminants and excess dust. Ambient temperature must not exceed 40°C (104°F). Do not operate near water or excessive humidity (90% maximum).
- Install out of direct sunlight and away from heaters.
- Install as close to equipment as possible.

Installation

Do not cover or block UPS Ventilation

Connect input to properly earthed GPO via provided 3 pin earthed Australian Standard plug. Do not connect to a power strip or extension cord.

Connect Load to output of UPS

Turn UPS on

Capacity	VA	1500VA	2000VA
Input	Voltage	100VAC, 110VAC, 120VAC, 220VAC, 230VAC or 240VAC ±25%	
	Frequency	50Hz or 60Hz ±5%	
Output	Voltage (Batt. Mode)	100VAC, 110VAC, 120VAC, 220VAC, 230VAC or 240VAC ±10%	
	Frequency	50Hz or 60Hz ±1Hz	
	Waveform	Modified sine wave	
	Transfer Time	Less than 6ms (typical)	
Battery	Battery Type	12V/7AH*2Pcs	12V/9AH*2Pcs
	Recharge Time	5 hours to 90% of full capacity	
Indicator	LED	LED indicator for line-on, battery back-up, AVR protection, load and battery level, overload and UPS cut-off	
Alarm	Battery Back-up	Sounding every 3 seconds	
	Battery Low	Sounding every 1 second	
	Overload	Continue beeping sound	
Protection	Overload	Fuse & current limited	
	Short Circuit	Fuse & current limited & cut-off	
	Batt. Low Cut-off	No battery drain after cut-off	
Physical	Dimension, D*W*H	408*143*197mm	
Environment	Operating Temperature	32°F-104°F at full load, 0~90% relative humidity (non-condensing)	
	Noise Level	Less than 40db (at 1 meter)	