



Vacc-Safe PowerGuard
Battery backup

USER MANUAL

Contents

1.	Introduction statement.....	3
2.	Safety notes	3
3.	Faceplate and operating instructions	3
3.1	Face plate	3
4	Trouble shooting	4
5	Specifications	5

1. Introduction statement

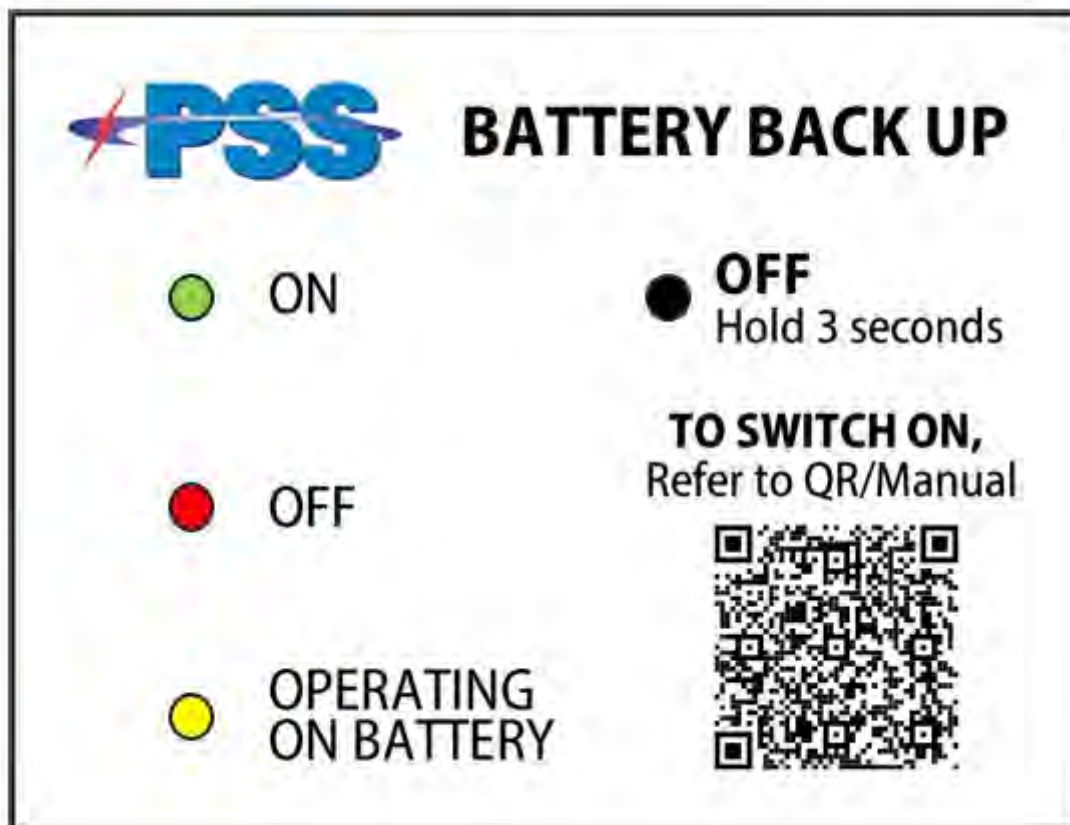
This fridge is supplied with a battery backup system. Its lightweight compact design perfectly fits into the working environment. It is equipped with a voltage regulator which stabilises the voltage. Internal surge arrestors are designed to limit damage to attached equipment in case of a surge.

2. Safety notes

- Dangerous voltages and high temperature exist inside the UPS.
- There are no serviceable parts, internally.
- Maintenance of the equipment must be done by authorised personnel or PSS staff.
- Do not connect extension leads to the output.
- Due to overheating, do not cover the UPS.
- The UPS is intended for backing up the fridge only.

3. Faceplate and operating instructions

3.1 Face plate



3.2 Operating instructions

Switching on

- Plug the fridge into to wall socket and switch on.
- The OFF (red LED) will illuminate for 2 seconds.
- The OFF (red LED) will distinguish and the and the ON (green LED) will illuminate.
- In this state the UPS is working in normal mode.
- During a power failure, the OPPERATING ON BATTERY (yellow LED) will illuminate and there will be an audible alarm for 1 minute.
- Once mains returns the OPPERATING ON BATTERY (yellow LED) will distinguish.

Switching off

- Unplug the fridge from the wall.
- The OPPERATING ON BATTERY (yellow LED) will illuminate and there will be an audible alarm.
- Hold the OFF button on the faceplate down for 3 seconds
- The ON (green LED) will distinguish, the red LED (OFF LED) will illuminate for 30 seconds.
- After 30 seconds all LEDs will distinguish. The battery backup has now been switched off.
- To switch the battery back up on again, plug fridge into mains power again and the SWITCH ON process will repeat.

4 Trouble shooting

- If power fails and the fridges switches off immediately, the batteries need replacing.
- If the red LED illuminates (OFF LED) with a constant audible alarm there is a fault on the UPS.
- Disconnect the from the wall and contact PSS Distributors on: 1300 882 447

5 Specifications

Model	PowerGuard
Capacity	1000VA/800W
Display	LED
Input	
Input Voltage	230V +/- 10%
230AVR voltage range	177-300V
Frequency range	40-70Hz
Output	
Voltage regulation	230V +/- 5%
Frequency	50Hz +/- 1%
Waveform	Sine wave
Transfer time	<6ms
Output sockets	2x Aus standard 10A
Battery	
Type	Lead acid /Lithium
Configuration	TBA
Charge current(Max)	1-10A
Recharge	Within 24 hours