



# Uninterrupted Power Supply



## Summary

The UPS-100 from G2 is a manufactured product by G2 to meet the needs of fire panels in South Africa experiencing Load Shedding. It is a IP65 metal housing that is fitted with a pure Sine Waver inverter, Lithium Ion Phosphate battery and intelligent charger.

This simple to wire devices allows you to provide uninterrupted mains power to your fire alarm system. This ensures that the lead acid back up batteries fitted to the panel achieve their life expectancy and your client does not get annoying mains failure alarms every time they experience load shedding.

SANS10139 and manufacturers recommendations do not allow for LiFePO4 batteries to be fitted to the panel for improved backup but by utilising the UPS-100 you can make use of this excellent battery technology and remain fully compliant.

## Key Points

- Tested on G2 Fire Full Detection Range
- Long Back up time
- Quick Recharge time so can handle high load shedding schedules without running out of battery power
- Simple to connect
- Robust and sealed IP65 enclosure
- High Quality industry recognised parts
- Protects the fire panel from electrical surges
- Modular Design with serviceable parts
- Includes long life LiFePO4 battery which can recover from 100% discharge
- Multiple fuse protection points

Technical Specification	
Output	250W (Max) Pure Sine Wave
Battery Capacity	256Wh
Intelligent Charger	100W
Battery Cut Off	Built In
Fuses	3A Input, 3A Output, 20A Battery
Environmental	IP65
Dimensions	550 x 400 x 220 (mm)

