



UNINTERRUPTIBLE POWER SUPPLY (UPS)

FOR TRAFFIC SIGNALS



The Logix Engineering Pty Ltd range of Uninterruptible Power Supplies (UPS) for Traffic Signal Controllers (TSC) has been developed to satisfy the requirements of road authorities and councils where traffic signal operation continuity is essential to road and public safety.

The standard range is Line Interactive utilizing an Alpha Technologies FXM2000 UPS. The UPS utilize 48v 100AH Lithium Ion (LiFeP40) high temperature rated batteries providing approximately 4 hours of backup to 24 Signal groups.

FEATURES

- STREAMS compliant
- Line Interactive (5mS transfer of power)
- Clean uninterruptible back up power
- Wide range Automatic Voltage Regulation
- Remote communications via RS232 Port or optional SNMP Ethernet Interface
- Six independently programmable interface control and report relays
- Temperature compensated programmable battery charger
- Event and Alarm Logging with time / date stamping
- Wide operating temperature range of -4 to 74°C

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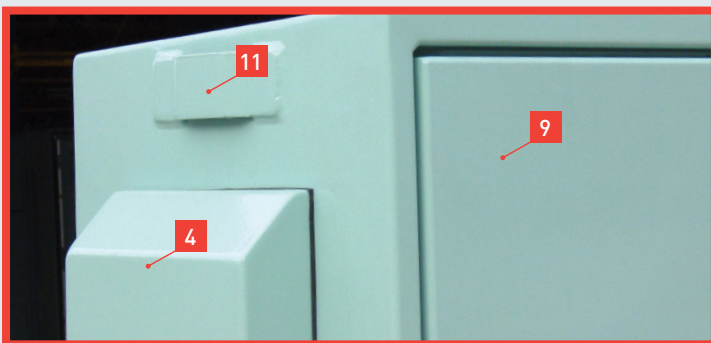


SPECIFICATIONS

- Nominal Voltage 230VAC
- Nominal Frequency 50HZ
- Input Current 12A
- Output Current 8.9A
- Output Power 2000VA
- Output Power at 74°C 500VA
- Battery String Voltage 48VDC

CABINET

- Manufactured from 2mm Marine Grade Aluminium
- Powdercoated T33 Smoke Blue
- Door operated lights
- Designed for connection of 15A portable generator (Generator inlet plug fitted)
- Tamper switches and relays fitted to both doors
- UPS/Battery section fitted with thermostatically controlled cooling fan and filter
- Maintenance GPO fitted
- Generator Manual Changeover switch fitted
- Gland plate fitted to base
- Bolts to standard Traffic Signal Controller concrete Plinth
- Swing Handle with ½ euro cylinder lock to state requirements
- UPS bypass switch fitted
- Automatic transfer to mains power if UPS fails



1. Generator Socket
2. Generator Supply and UPS Bypass Switches
3. PLC
4. Fan & Filter
5. Cabinet Light
6. Door Switch
7. Shelf
8. Batteries
9. Flush Doors (Vandal Resistant)
10. Load centre
11. Welded Lifting Points
12. Generator access

Description	Part Number	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)
Line interactive 2000VPA UPS	TMR-UPS-TSC-LI-2000	760	1340	400	150