

# Compact Uninterruptable Power Supply (UPS)



**Compact Uninterruptable Power Supply** is manufactured in UK and provides a 50Vdc output with battery backup operating from a 240Vac mains supply.

The Compact UPS is suitable for many railway applications including powering telephone concentrators and remote keyboards.



## Compact UPS Specification

### Mechanical

Case dimensions: 380mmH x 380mmW x 210mmD (220mm deep with wall mounting brackets supplied)

Weight: 27Kg approx

Enclosure: IP54 construction

Lockable front door, hinged on RHS

Cable access via gland plate in base of enclosure

### Electrical

AC Mains input: 240V+/- 10% at 50Hz

DC output voltage (positive battery earthed):

- Nominal -55Vdc (float charge)
- Max -58Vdc (boost charge)
- Min -42Vdc (load disconnect)

DC load: Max 0.35A for 12 hour backup

Charger Fail alarm output using volt-free contacts, Max 0.2A resistive at 60V

Battery type: Qty 4 x NP7-12V

Capacity: 7 Ampere-hour

### Environmental

Operating temperature: 0°C to +45°C

Humidity: 0 to 95% non-condensing

### Standards & Approvals

EMC Standard: EN 50121-4:2000

Safety Standard: EN 60950:2000

CE compliant

Enclosure compliant with

LUL Standard 2-01001-002:A1

Fire Safety Performance of materials