

DESCRIPTION

Li-Power power supplies have been designed to house and power common alarm signalling communicators whilst accommodating and charging in-built Lithium battery packs. Offered in a low-profile, sleek enclosure, it provides a compact and flexible solution for intruder installations at both Grade 2 and Grade 3 requirements (EN50131-6:2017 and PD6662).

- **12V dc power supply with integrated lithium batteries**
- Ideal for housing common communication alarm signalling devices
- Provides 150mA to load
- Mains fail signalling (EPS)
- General PSU fault signalling (GEN)
- Front and rear tamper protection
- Sleek, compact plastic enclosure
- **Compliant with EN50131-6 Grade 2 & Grade 3**
2 variants available:
 - 12 hour battery backup model (Grade 2)
 - 30 hour battery backup model (Grade 3)
- **Comprehensive battery management:**
 - Deep discharge protection
 - Over voltage and over current protection
 - Over and under temperature protection
 - Short circuit protection
 - Over charge protection
 - Battery fault detection and signalling (APS)
- Extensive battery testing
- UN38.3 certified: Transportation for Lithium Batteries
- **Lifetime warranty** (excluding battery)



BENEFITS

- Extended life span: up to 3 times more than a standard lead acid battery
- 50% reduction in wall footprint required
- Up to 5 times greater power cycling performance
- Incorporates additional battery safety features

Compatible with:

- CSL Alarm Signalling Range (all)



ENVIRONMENTAL IMPACT

Lithium batteries are less toxic than lead acid batteries and are easier to dispose of safely

Lighter-weight batteries and reduced packaging for more efficient transportation, reducing overall costs

UN38.3: Transportation for Lithium Batteries

See next page for ordering information and product details

LI-POWER ELM0072- ISSUE2



APPROVALS

Compliant with EN50131-6:2017
UN38.3: Transportation for Lithium Batteries
CE mark | UKCA mark

TECHNICAL SPECIFICATIONS

Output	12V dc
Rated Input Voltage	100-240V ac
Operating Temperature	5 to 40°C
Fault Outputs	<ul style="list-style-type: none"> • EPS fault (mains fail) • GEN fault (PSU fault) • APS fault (battery fault)

ORDERING INFORMATION



PART NO

DESCRIPTION

LPS-12-G2	12Vdc output Compliant with EN50131-6 (Grade 2) 12 hour battery backup L266 x W195 x D60 (mm), 1.0kg
LPS-12-G3	12Vdc output Compliant with EN50131-6 (Grade 3) 30 hour battery backup L266 x W195 x D60 (mm), 1.0kg
LPS-ENC-T	Enclosure only with Front & Rear Tamper Compliant with EN50131-6 (Grade 2 & 3) L260 x W201 x D67 (mm), 662g
LPS-BATT-G2	Replacement G2 Battery Pack 8500mAh L68 x W56 x D20 (mm), 150g
LPS-BATT-G3	Replacement G3 Battery Pack 18000mAh L66 x W111 x D19 (mm), 295g

LPS-ENC-T



LPS-BATT-G2



LPS-BATT-G3

