

GEN Range - Intruder Power Supplies (Grade 2 & Grade 3)

Product Overview

The new switch mode GEN range of power supplies has been specifically designed to provide a comprehensive range for engineers designing intruder alarm systems to Grade 2 and Grade 3 under PD6662:2010 EN50131-6:2008.

Both grades of product are available in two power variants with a range of enclosure sizes providing the required space for the standby battery. Two LED's assist with quick and easy installation by showing presence of mains, correct battery charging or a fault condition, whilst fault outputs are available to relay this information back to the intruder panel. Each PSU incorporates intelligent battery management comprising of full load battery testing, low battery voltage detection and deep discharge protection. PSU protection is built-in as standard including mains transient filtering, electronic output overload protection and fuses on the load and battery outputs.

Features

- 13.8V dc output
- Cost effective switch mode technology
- Energy efficient
 - More efficient in operation
 - Saves power so reducing power bills
- Full current to load plus additional current to charge standby battery
- Comprehensive battery management:
 - Deep discharge protection
 - Independent Battery fault detection (Grade 3)
 - High efficiency 3 stage charging
- Internal LED PSU status
- Mains transient protection
- Electronic overload protection
- High security front tamper (Grade 2)
- High security front and rear tamper (Grade 3)
- Fault outputs:
 - EPS fault (mains fail)
 - APS fault (battery fault)
 - GEN fault (PSU fault)
- Screen printing available
- 3 year warranty

Technical Information

Mains input	90-265V ac
Output	13.8V dc
Operating temperature	-10°C to +40°C



Version shown: GEN3-18-C

Weights

- A Enclosure model 1.9kg
- B Enclosure model 3.8kg
- C Enclosure model 3.3kg

Part Numbers

Part Number	Amp Rating	Enclosure HxWxD mm	Maximum Battery Size
GEN2-08-A	1.0	200 x 230 x 80	1 x 8Ah
GEN2-08-B		330 x 355 x 80	
GEN2-18-B	1.5	275 x 330 x 80	1 x 18Ah
GEN2-18-C		275 x 330 x 80	
GEN3-08-A	1.0	200 x 230 x 80	1 x 8Ah
GEN3-08-B		330 x 355 x 80	
GEN3-18-B	1.5	275 x 330 x 80	1 x 18Ah
GEN3-18-C		275 x 330 x 80	

Approvals

GEN2 Compliant with EN50131-6:2008, Telefication Certified
 GEN3 Compliant with EN50131-6:2008, Telefication Certified
 ISO/IEC guide 67 Systems 5 Registration,
 Telefication Certified

