

12V GEN Series

EN50131-6 Intruder PSU Range

Product Overview

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

Features

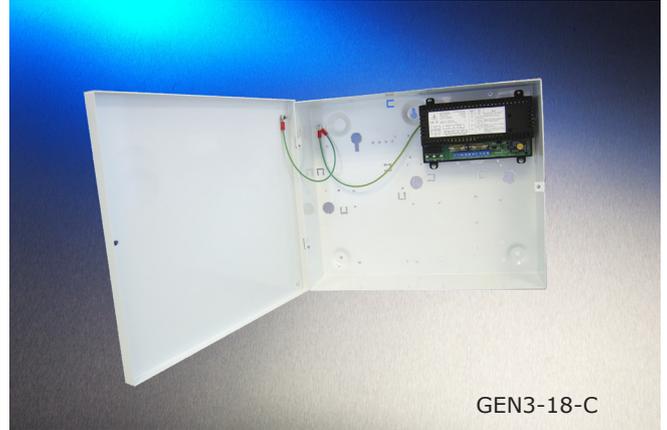
- 13.8V dc output
- Cost effective switch mode technology
- Energy efficient:
 - More efficient in operation
 - Saves power so reducing power bills
 - Longer life in the field
 - Less prone to failure
- Full current to load plus additional current to charge standby battery
- Comprehensive battery management:
 - Deep discharge protection
 - 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)
 - PSU fault (general fault)
- Screen printing available
- 3 year warranty

Approvals

CE mark
 GEN2 Compliant with EN50131-6:2008,
 Telefication Certified

GEN3 Compliant with EN50131-6:2008,
 Telefication Certified

ISO/IEC guide 67 System 5 Registration,
 Telefication Certified - Continued Compliance.



Part Numbers

Part No	Amp Rating	Box Size (mm) H x W x D	Weight (Kg)	Will Fit Battery Size
GEN2-08-A	1A	200 x 230 x 80	2.0	1 x 7Ah/8Ah
GEN2-08-B		330 x 355 x 80	4.0	
GEN2-08-C		275 x 330 x 80	3.3	
GEN2-18-B	1.5A	330 x 355 x 80	4.0	1 x 17Ah/18Ah
GEN2-18-C		275 x 330 x 80	3.3	
GEN3-08-A	1A	200 x 230 x 80	2.0	1 x 7Ah/8Ah
GEN3-08-B		330 x 355 x 80	4.0	
GEN3-08-C		275 x 330 x 80	3.3	
GEN3-18-B	1.5A	330 x 355 x 80	4.0	1 x 17Ah/18Ah
GEN3-18-C		275 x 330 x 80	3.3	

Technical Information

Rated voltage	100 - 240V ac
Operational voltage	90 - 264V ac
Output	13.8V dc
Maximum current	see table above
Operating temperature	-10°C to 40°C at 95% RH