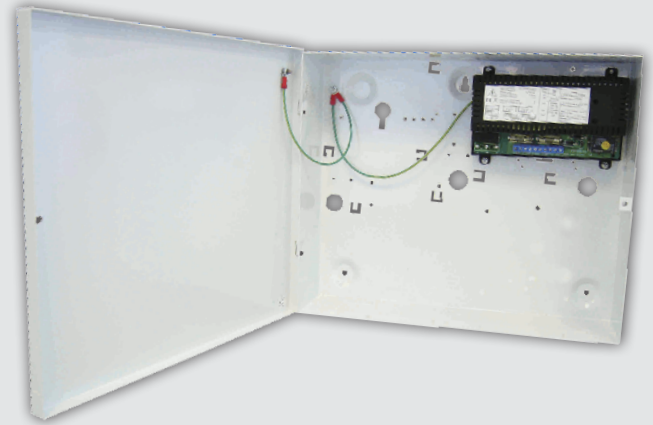




# GEN RANGE

## EN50131-6 Intruder 12V PSU Range

- 13.8V dc output
- Cost effective switch mode technology
- Energy efficient:
  - More efficient in operation
  - Saves power 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)
- Lifetime warranty



### DESCRIPTION

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 EN50131-6:2017 and PD6662:2017

### APPROVALS

GEN2 Compliant with EN50131-6:2017, Kiwa Certified  
 GEN3 Compliant with EN50131-6:2017, Kiwa Certified  
 PD6662:2017  
 ISO/IEC guide 67 System 5 Registration, Telefication  
 (Kiwa) Certified - Continued Compliance  
 UKCA | CE mark

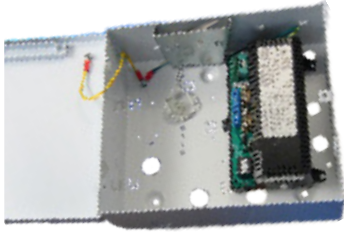
### TECHNICAL SPECIFICATIONS

<b>Output</b>	13.8V dc
<b>Rated Voltage</b>	100-240V ac
<b>Operational Voltage</b>	90 - 264V ac
<b>Fault Outputs</b>	<ul style="list-style-type: none"> <li>• EPS fault (mains fail)</li> <li>• APS fault (battery fault)</li> <li>• PSU fault (general fault)</li> </ul>



## ORDERING INFORMATION

### A ENCLOSURE



**PART NO**  
GEN2-08-A

**DESCRIPTION**  
13.8Vdc, 1A  
200H x 230W x 80D (mm), 2.0kg  
Max battery 12V 7Ah / 8Ah

**PART NO**  
GEN3-08-A

**DESCRIPTION**  
13.8Vdc, 1A  
200H x 230W x 80D (mm), 2.0kg  
Max battery 12V 7Ah / 8Ah

### B ENCLOSURE



**PART NO**  
GEN2-08-B

**DESCRIPTION**  
13.8Vdc, 1A  
330H x 355W x 80D (mm), 4.0kg  
Max battery 12V 7Ah / 8Ah

**PART NO**  
GEN3-08-B

**DESCRIPTION**  
13.8Vdc, 1A  
330H x 355W x 80D (mm), 4.0kg  
Max battery 12V 7Ah / 8Ah

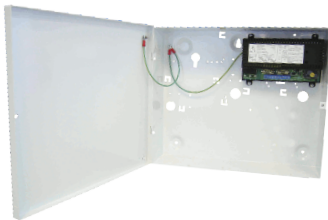
**PART NO**  
GEN2-18-B

**DESCRIPTION**  
13.8Vdc, 1.5A  
330H x 355W x 80D (mm), 4.0kg  
Max battery 12V 17Ah / 18Ah

**PART NO**  
GEN3-18-B

**DESCRIPTION**  
13.8Vdc, 1.5A  
330H x 355W x 80D (mm), 4.0kg  
Max battery 12V 17Ah / 18Ah

### C ENCLOSURE



**PART NO**  
GEN2-08-C

**DESCRIPTION**  
13.8Vdc, 1A  
275H x 330W x 80D (mm), 3.3kg  
Max battery 12V 7Ah / 8Ah

**PART NO**  
GEN2-18-C

**DESCRIPTION**  
13.8Vdc, 1.5A  
275H x 330W x 80D (mm), 3.3kg  
Max battery 12V 17Ah / 18Ah

**PART NO**  
GEN3-08-C

**DESCRIPTION**  
13.8Vdc, 1A  
275H x 330W x 80D (mm), 3.3kg  
Max battery 12V 7Ah / 8Ah

**PART NO**  
GEN3-18-C

**DESCRIPTION**  
13.8Vdc, 1.5A  
275H x 330W x 80D (mm), 3.3kg  
Max battery 12V 17Ah / 18Ah

### R ENCLOSURE



**PART NO**  
GEN3-34-R\*

**DESCRIPTION**  
13.8Vdc, 3A  
410H x 390W x 80D (mm), 5.2kg  
Max battery 2 x 12V 17Ah

\*Meets the requirements of EN50131-6