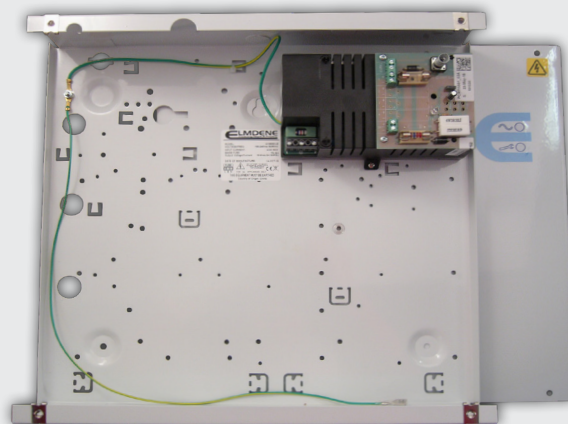


# 12V G RANGE N SERIES

(Unmonitored)

Back-up power for General applications

- 13.8V dc output
- Cost effective switch mode technology
- Energy efficient
- Front Tamper Protection
- Modular construction for easy maintenance and upgrading
- Full rated current to load +0.5A battery charging
- Electronic overload protection
- Mains transient protection
- LED indication:
  - Mains status
  - Fault
- Lifetime warranty



## DESCRIPTION

The 12V dc G Range, N Series power supply is suitable for access control, intruder systems and general purpose applications that require the use of a standby battery. The products use energy efficient switch mode technology and have a universal mains supply input (90—264V ac).

Elmdene's FOM4 or FOM8 units can be fitted to give 4 or 8 independent fused outputs if required.

The modular range consists of 1A, 2A, 3A, 4A and 5A power variants with full rated current to load and also feature a fully regulated output with low ripple and noise. Unboxed (module only) versions are also available if required.

### Advantages of Switch Mode Technology

Elmdene products using switch mode technology are typically 80-87% efficient. This can save your customers money by reducing their energy bills and carbon footprint.

Switch mode technology provides for lower power consumption, provides cool running and energy efficient products that can result in improved long term reliability.

## TECHNICAL SPECIFICATIONS

### Output

13.8V dc

### Mains Input

90V - 264V ac at 50 - 60Hz

### Operating Temperature

-10°C to 40°C at 95% RH



## APPROVALS

UKCA | CE mark

## ORDERING INFORMATION

### A ENCLOSURE



#### PART NO

G13801N-A

#### DESCRIPTION

13.8Vdc, 1A  
200 H x 230 W x 80 D (mm)  
Max battery 12V 7Ah

#### PART NO

G13802N-A

#### DESCRIPTION

13.8Vdc, 2A  
200 H x 230 W x 80 D (mm)  
Max battery 12V 7Ah

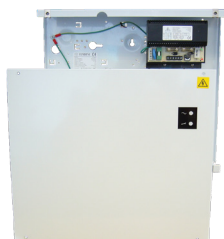
#### PART NO

G13803N-A

#### DESCRIPTION

13.8Vdc, 3A  
200 H x 230 W x 80 D (mm)  
Max battery 12V 7Ah

### B ENCLOSURE



#### PART NO

G13802N-B

#### DESCRIPTION

13.8Vdc, 2A  
330 H x 355 W x 80 D (mm)  
Max battery 12V 17Ah

#### PART NO

G13803N-B

#### DESCRIPTION

13.8Vdc, 3A  
330 H x 35 W x 80 D (mm)  
Max battery 12V 17Ah

#### PART NO

G13804N-B

#### DESCRIPTION

13.8Vdc, 4A  
330 H x 355 W x 80 D (mm)  
Max battery 12V 17Ah

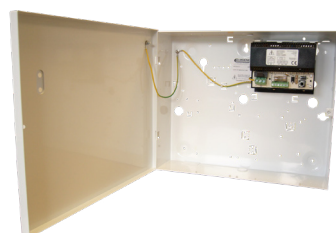
#### PART NO

G13805N-B

#### DESCRIPTION

13.8Vdc, 5A  
330 H x 355 W x 80 D (mm)  
Max battery 12V 17Ah

### C ENCLOSURE



#### PART NO

G13802N-C

#### DESCRIPTION

13.8Vdc, 2A  
275 H x 330 W x 80 D (mm)  
Max battery 12V 17Ah

#### PART NO

G13803N-C

#### DESCRIPTION

13.8Vdc, 3A  
275 H x 330 W x 80 D (mm)  
Max battery 12V 17Ah

## ORDERING INFORMATION

### C ENCLOSURE



**PART NO**  
G13804N-C

**PART NO**  
G13804N-4-C

**PART NO**  
G13805N-C

### DESCRIPTION

13.8Vdc, 4A  
275 H x 330 W x 80 D (mm)  
Max battery 12V 17Ah

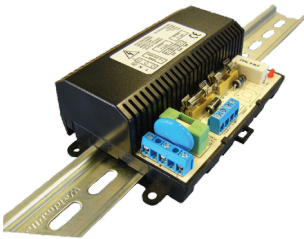
### DESCRIPTION

13.8Vdc, 4x 1A  
275 H x 330 W x 80 D (mm)  
Max battery 12V 17Ah

### DESCRIPTION

13.8Vdc, 5A  
275 H x 330 W x 80 D (mm)  
Max battery 12V 17Ah

### UNBOXED



DIN RAIL Mountable - (Battery leads included)

**PART NO**  
G13802NU

**PART NO**  
G13803NU

**PART NO**  
G13804NU-4

**PART NO**  
G13805NU

### DESCRIPTION

13.8Vdc, 2A  
134 L x 84 W x 42 H (mm)

### DESCRIPTION

13.8Vdc, 3A  
134 L x 84 W x 42 H (mm)

### DESCRIPTION

13.8Vdc, 4 x 1A  
152 L x 106 W x 71 H (mm)

### DESCRIPTION

13.8Vdc, 5A  
152 L x 106 W x 71 H (mm)