

# 12V G Range, N Series

## Product Overview

The 12V dc G Range, N Series power supplies has been designed for CCTV, access control 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.

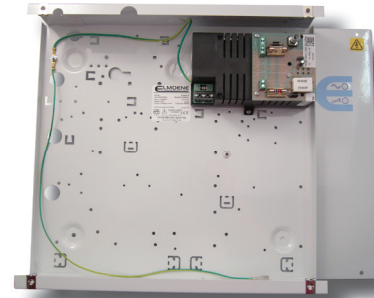
## Advantages of Switch Mode Technology

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.

## Features

- 13.8V dc output
- Cost effective switch mode technology
- High energy efficient - reducing energy bills
- Front Tamper Protection
- Modular construction means easy maintenance and upgrading
- Full rated current to load +0.5A battery charging
- 90 to 264V ac range
- Electronic overload protection
- Mains transient protection
- LED indication:
  - Mains status
  - Fault
- Screen printing available
- 3 year warranty



G13805N-B

## Part Numbers

Part No	Amp Rating	Box Size (mm) H x W x D	Will Fit Battery Size
G13801N-A	1.0	200 x 230 x 80	12V 7Ah
G13801N-B		330 x 355 x 80	12V 17Ah
G13801N-C		275 x 330 x 80	
G13801NU		Unboxed Module: 134 x 84 x 42	
G13802N-A	2.0	200 x 230 x 80	12V 7Ah
G13802N-B		330 x 355 x 80	12V 17Ah
G13802N-C		275 x 330 x 80	
G13802NU		Unboxed Module: 134 x 84 x 42	
G13803N-A	3.0	200 x 230 x 80	12V 7Ah
G13803N-B		330 x 355 x 80	12V 17Ah
G13803N-C		275 x 330 x 80	
G13803NU		Unboxed Module: 134 x 84 x 42	
G13804N-B	4.0	330 x 355 x 80	12V 17Ah
G13804N-C		275 x 330 x 80	
G13804N-4-C		275 x 330 x 80	
G13804N-8-C		275 x 330 x 80	
G13804NU	Unboxed Module: 152 x 106 x 71		
G13805N-B	5.0	330 x 355 x 80	12V 17Ah
G13805N-C		275 x 330 x 80	
G13805N-4-C		275 x 330 x 80	
G13805N-8-C		275 x 330 x 80	
G13805NU	Unboxed Module: 152 x 106 x 71		

## Technical Information

Mains input	90V – 264V ac at 50–60Hz
Output	13.8V dc
Maximum current	see table above
Operating temperature	-10°C to 40°C at 95% RH

## Approvals

CE mark

