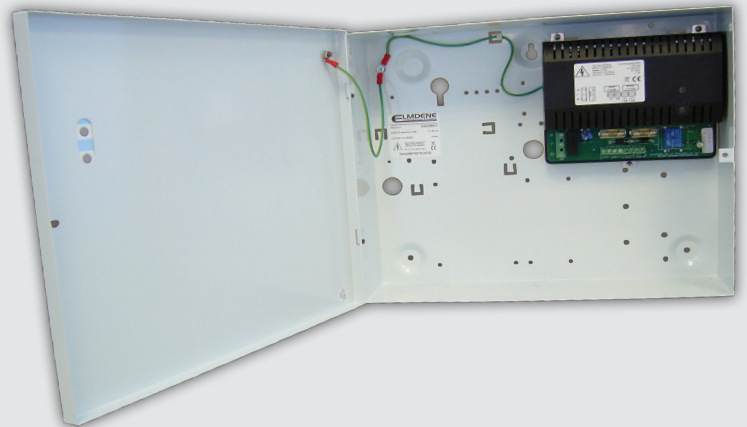


# 24V G RANGE BM SERIES

(Monitored)  
Back-up power for General applications

- 27.6V dc output
- Modular construction means easy maintenance and upgrading
- Mains and battery monitoring
- Full rated current to load +0.5A battery charging
- Volt free outputs
- Deep discharge protection
- Electronic overload protection
- Mains transient protection
- LED indication:
  - Mains status
  - Output or battery fuse fail
  - Output short circuit or low voltage
  - Battery low or missing
- Lifetime Warranty



## DESCRIPTION

The 24V G Range BM Series power supplies are designed for access control, CCTV, fire systems (where compliance with EN54-4 is not required) and general purpose applications. 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, 5A and 10A 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, with DIN rail mount options for 1A and 2A models.

### Advantages of Switch Mode Technology

Elmdene products using switch mode technology are typically 80-87% efficient.

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

<b>Output</b>	27.6V dc
<b>Mains Input</b>	90V - 264V ac at 50 - 60Hz
<b>Operating Temperature</b>	-10°C to 40°C at 95% RH



## APPROVALS

UKCA | CE mark

## ORDERING INFORMATION

### C ENCLOSURE



**PART NO**  
G2401BM-C

**DESCRIPTION**  
27.6Vdc, 1A  
275 H x 330 W x 80 D (mm)  
Max battery 2 x 12V 7Ah

**PART NO**  
G2402BM-C

**DESCRIPTION**  
27.6Vdc, 2A  
275 H x 330 W x 80 D (mm)  
Max battery 2 x 12V 7Ah

**PART NO**  
G2403BM-C

**DESCRIPTION**  
27.6Vdc, 3A  
275 H x 330 W x 80 D (mm)  
Max battery 2 x 12V 7Ah

**PART NO**  
G2405BM-C

**DESCRIPTION**  
27.6Vdc, 5A  
275 H x 330 W x 80 D (mm)  
Max battery 2 x 12V 7Ah

### R ENCLOSURE



**PART NO**  
G2405BM-R

**DESCRIPTION**  
27.6Vdc, 5A  
410 H x 390 W x 86 D (mm)  
Max battery 2 x 12V 17Ah

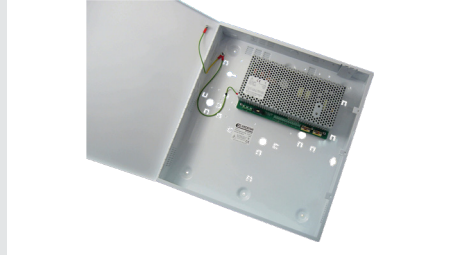
### H ENCLOSURE



**PART NO**  
G2405BM-H

**DESCRIPTION**  
27.6Vdc, 5A  
420 H x 420 W x 180 D (mm)  
Max battery 2 x 12V 38Ah

### E ENCLOSURE



**PART NO**  
G2410BM-E

**DESCRIPTION**  
27.6Vdc, 10A  
420 H x 400 W x 80 D (mm)  
Max battery 2 x 12V 17Ah

## ORDERING INFORMATION

### UNBOXED



#### PART NO

G2402BMU

#### PART NO

G2403BMU

#### PART NO

G2405BMU

#### PART NO

G2410BMU

#### DESCRIPTION

27.6Vdc, 2A  
152 L x 106 W x 71 H (mm)  
Din Rail

#### DESCRIPTION

27.6Vdc, 3A  
152 L x 106 W x 71 H (mm)  
Unboxed (Battery leads included)

#### DESCRIPTION

27.6Vdc, 5A  
157 L x 143 W x 55 H (mm)  
Unboxed (Battery leads included)

#### DESCRIPTION

27.6Vdc, 10A  
245 L x 135 W x 60 H (mm)  
Unboxed (Battery leads included)