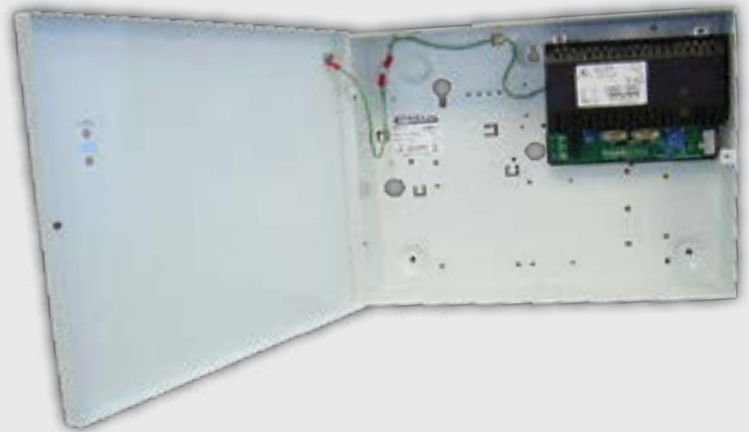


24V G RANGE BM SERIES

(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

Output	27.6V 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

<p>C ENCLOSURE</p> 	<p>PART NO G2401BM-C</p> <p>PART NO G2402BM-C</p> <p>PART NO G2403BM-C</p> <p>PART NO G2405BM-C</p>	<p>DESCRIPTION 27.6Vdc, 1A 275 H x 330 W x 80 D (mm) Max battery 2 x 12V 7Ah</p> <p>DESCRIPTION 27.6Vdc, 2A 275 H x 330 W x 80 D (mm) Max battery 2 x 12V 7Ah</p> <p>DESCRIPTION 27.6Vdc, 3A 275 H x 330 W x 80 D (mm) Max battery 2 x 12V 7Ah</p> <p>DESCRIPTION 27.6Vdc, 5A 275 H x 330 W x 80 D (mm) Max battery 2 x 12V 7Ah</p>
<p>R ENCLOSURE</p> 	<p>PART NO G2405BM-R</p>	<p>DESCRIPTION 27.6Vdc, 5A 410 H x 390 W x 86 D (mm) Max battery 2 x 12V 17Ah</p>
<p>H ENCLOSURE</p> 	<p>PART NO G2405BM-H</p>	<p>DESCRIPTION 27.6Vdc, 5A 420 H x 420 W x 180 D (mm) Max battery 2 x 12V 38Ah</p>
<p>E ENCLOSURE</p> 	<p>PART NO G2410BM-E</p>	<p>DESCRIPTION 27.6Vdc, 10A 420 H x 400 W x 80 D (mm) Max battery 2 x 12V 17Ah</p>

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 Mountable (Battery leads included)

DESCRIPTION

27.6Vdc, 3A
152 L x 106 W x 71 H (mm)
Din Rail Mountable (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)