



# **12V G RANGE BM SERIES**

(Monitored)

Back-up power for General applications

- 13.8V dc output
- Full current to load + 0.5A battery charging
- Mains and battery monitoring
- Deep discharge protection
- Volt-free fault outputs:
- EPS fault (mains fail)
- GEN fault (PSU or battery fault)
- Internal LED PSU status:
  - Mains status
  - Output fuse fail
  - Output short circuit or low voltage
  - . Battery low or missing
- Mains transient protection
- Electronic overload protection
- Front and rear tamper protection
- Lifetime warranty



#### DESCRIPTION

The G Range BM Series switch mode power supplies are ideal for applications requiring mains and battery monitoring. The units have a regulated highly stable output supplying full rated current to load and a universal mains voltage input range (90 to 264V ac).

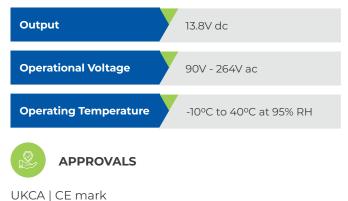
These units are suitable for access control, intruder systems and general purpose applications. They are also available in DIN rail mounted 'unboxed' versions if required. FOM 4 or 8 can be fitted to give independent fused outputs.

#### 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**



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**ORDERING INFORMATION** 



# A ENCLOSURE

# **PART NO** G13802BM-A

**PART NO** G13803BM-B

**PART NO** G13804BM-B

**PART NO** G13804BM-4-B

**PART NO** G13805BM-B

**PART NO** G13802BM-C

# C ENCLOSURE

**B ENCLOSURE** 



**PART NO** G13804BM-C

**PART NO** G13805BM-C

**PART NO** G13810BM-8-C DESCRIPTION 13.8Vdc, 2A

200 H x 230 W x 80 D (mm) Max battery 1 x 7Ah

# DESCRIPTION

13.8Vdc, 3A 330 H x 355 W x 80 D (mm) Max battery 1 x 17Ah

#### DESCRIPTION

13.8Vdc, 4A 330 H x 355 W x 80 D (mm) Max battery 1 x 17Ah

#### DESCRIPTION

13.8Vdc, 4A 330 H x 355 W x 80 D (mm) Max battery 1 x 17Ah

#### DESCRIPTION

13.8Vdc, 5A 330 H x 355 W x 80 D (mm) Max battery 1 x 17Ah

#### DESCRIPTION

13.8Vdc, 2A 275 H x 330 W x 80 D (mm) Max battery 1 x 17Ah

#### DESCRIPTION

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

#### DESCRIPTION

13.8Vdc, 5A 275 H x 330 W x 80 D (mm) Max battery 1 x 17Ah

#### DESCRIPTION

13.8Vdc, 10A 275 H x 330 W x 80 D (mm) Max battery 2 x 7Ah

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## **ORDERING INFORMATION**

#### **R ENCLOSURE**



# **PART NO**

G13810BM-8-R

#### DESCRIPTION

13.8Vdc, 10A 410 H x 390 W x 86 D (mm) Max battery 2 x 17Ah

UNBOXED

DIN RAIL Mountable - (Battery leads included)

PART NO G13802BMU

PART NO G13803BMU

PART NO G13805BMU

DESCRIPTION 13.8Vdc, 2A 152 L x 106 W x 52 H (mm)

DESCRIPTION 13.8Vdc, 3A 152 L x 106 W x 71 H (mm)

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

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