

13.8V dc G-Range BM Series

Product Overview

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 may be used for intruder systems where compliance with EN50131-6 is not required. They are also available in DIN rail mounted 'unboxed' versions if required. FOM 4 or 8 can be fitted to give independent fused outputs.

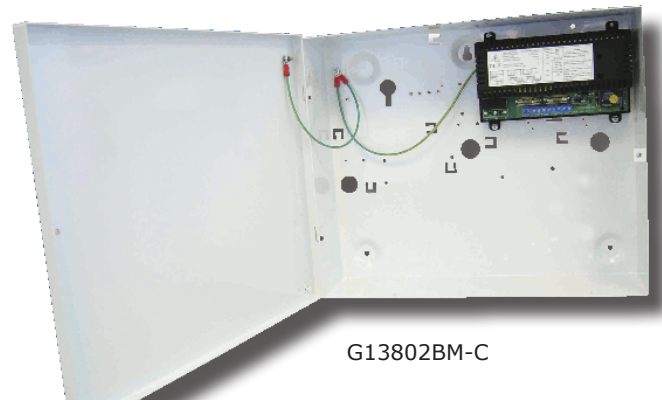
Advantages of Switch Mode Technology

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

Switch mode technology also makes for more reliable products in the field as they are less likely to overheat.

Features

- 13.8V dc output
- 90 to 264V ac input range
- Cost effective switch mode technology
- Energy efficient:
 - More efficient in operation
 - Saves power so reducing power bills
 - Longer life in the field
 - Less prone to failure
- Full current to load plus additional current to charge standby battery
- Deep discharge protection
- Mains and battery monitoring
- 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
- Screen printing available
- 3 year warranty



G13802BM-C

Part Numbers

Part No	Amp Rating	Box Size (mm) H x W x D	Weight (Kg)	Will Fit Battery Size
G13801BM-A	1.0A	200 x 230 x 80	2.0	1 x 7Ah
G13801BM-B		330 x 355 x 80	4.0	1 x 17Ah
G13801BM-C		275 x 330 x 80	3.3	
G13802BM-A	2.0A	200 x 230 x 80	2.0	1 x 7Ah
G13802BM-B		330 x 355 x 80	4.0	1 x 17Ah
G13802BM-C		275 x 330 x 80	3.3	
G13803BM-B	3.0A	330 x 355 x 80	4.3	
G13803BM-C		275 x 330 x 80	3.7	
G13804BM-B	4.0A	330 x 355 x 80	4.3	
G13804BM-C		275 x 330 x 80	3.7	
G13805BM-B	5.0A	330 x 355 x 80	4.3	
G13805BM-C		275 x 330 x 80	3.7	
G13810BM-8-C	10.0A	275 x 330 x 80	4.3	2 x 7Ah
G13810BM-8-R		410 x 390 x 80	5.3	2 x 17Ah
G13801BMU	1.0A	152Lx106Wx52H	0.35	N/A
G13802BMU	2.0A			
G13803BMU	3.0A	152Lx106Wx71H	0.45	N/A
G13804BMU	4.0A			
G13805BMU	5.0A			

Technical Information

Rated voltage	100 - 240V ac
Operational voltage	90 - 264V ac
Output	13.8V dc
Operating temperature	-10°C to 40°C at 95% RH

Approvals CE mark

