



GFE-BCM-5 / GFE-BCM-10 (BOXED)

Battery Charger Module with Input/Output

This unit is a fully EN54-4 compliant PSU incorporating a battery charger that can be used with all of GFE's addressable fire detection panels. It will monitor all fault conditions including: charger fault, charger voltage level, input voltage supply fault and supply removal. It is supplied boxed in an Aluminium enclosure, including a 28 VDC @ 5.6 A or 11.7 A PSU.

Key Features

- ▶ Battery Charger Monitored by Addressable Panel
- ▶ Fault Relay Output
- ▶ Relay O/P Remotely Controlled by Addressable Panel
- ▶ Low Battery Voltage Shutdown
- ▶ Reverse Polarity Protection
- ▶ Battery Charger Current Regulated
- ▶ LED indicators: AC ON, Battery & Charger Fault
- ▶ Boxed Unit inc. PSU and Battery Compartment
- ▶ Fully Compliant with EN54-4

TECHNICAL SPECIFICATIONS	
SUPPLY INPUT	230 +10% -15% V AC - Monitored
SUPPLY OUTPUT	5.6 A or 11.7 A @ 28 V DC nominal
BATTERY CHARGER - CURRENT O/P	4 A max.
BATTERY TYPE	Max. 2 x 12 V 12 AH - Lead Acid VRLA
BATTERY FUSE	5 A / 10 A
I/O UNIT - LOOP CURRENT	1.4 mA Quiescent - 1.8 mA Fault
FAULT RELAY	Changeover - 30 V DC 1 A Resistive
I/O CONTROLLED RELAY	Changeover - 240 V AC 10 A Resistive
DIMENSIONS	375 (H) x 345 (W) x 139 (D) mm
WEIGHT	3.5 Kg - 11.5 Kg inc 2 x 12 AH Bat. / 4Kg - 12 Kg inc 2 x 12 AH Bat.
OPERATING TEMPERATURE	-10°C to +50°C
HUMIDITY / PROTECTION	Max. 95% no condensation / IP21
ORDER CODE	
GFE-BCM-5-BOXED	BOXED 5 AMP BATTERY CHARGER MODULE WITH I/O
GFE-BCM-10-BOXED	BOXED 10 AMP BATTERY CHARGER MODULE WITH I/O