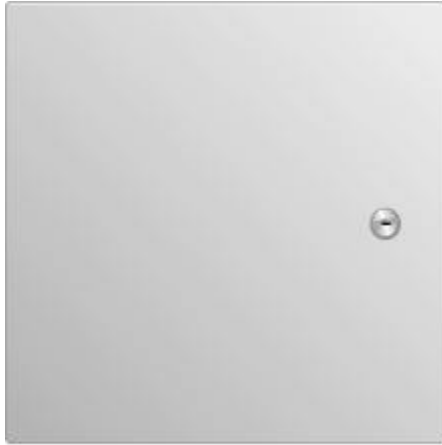




**ALARM SAF**

## POWER SUPPLY/BATTERY CHARGER (FMC)



### 12 VDC @ 1 to 1½ Amp

The FMC Power Supply / Charger provides 12 VDC at 1 to 1½ amperes for use in powering access control, burglar, and auxiliary control systems. The units are supplied with a class 2 transformer and painted steel, locking enclosure for a secure installation. Self contained battery capacity ranges from 4 to 14 amphours.

## DIMENSIONS

### Cabinet Size

- FMC-12/10-BFS
  - 8" H x 7" W x 3.5" D
  - 20.3cm x 17.8cm x 8.9cm
- FMC-12/15-BFS
  - 12" H x 12" W x 4" D
  - 30.5cm x 30.5cm x 10.16cm

### Cabinet Weight

- FMC-12/10-BFS
  - 5 lbs. 1 oz., 2.34 kg Less Batteries
- FMC-12/15-BFS
  - 8 lbs. 5 oz., 3.77 kg Less batteries

### Battery Space

- FMC-12/10-BFS
  - 4¼" H x 7" W x 3.5" D
  - 10.8cm x 17.8cm x 8.9cm
- FMC-12/15-BFS
  - 4¼" H x 12" W x 4" D
  - 10.8cm x 30.5cm x 10.16cm

## SPECIFICATIONS

### Input Characteristics

- B01
  - 16.5VAC, +/- 10%, 1 Phase, 2 Amp max., 40 VA
- B02
  - 16.5VAC, +/- 10%, 1 Phase, 3 Amp max., 50 VA

### Output Characteristics

- FMC-12/10-BFS
  - Voltage: ..... 12VDC Nominal, Set @ 13.2VDC
  - Current: ..... 1ADC
  - Ripple: ..... .005VAC<sub>RMS</sub> @ ¾ADC
  - Battery Capacity: ..... 4 Ah
- FMC-12/15-BFS
  - Voltage: ..... 12VDC Nominal, Set @ 13.2VDC
  - Current: ..... 1½ADC
  - Ripple: ..... .005VAC<sub>RMS</sub> @ ½ADC
  - Battery Capacity: ..... 14 Ah

### Overcurrent Protection

- Electronically Limited
- Battery Reverse Polarity Protection: Fuse
- Electronically Limited Regulators
- Thermal Protection: Electronically Limited
- Battery Chemistry: Lead Acid

### Fault Detection Conditions Reported

- High Battery Output
- Low Battery Output
- AC Fuse/AC Presence
- Battery Fuse

### Visual Indicators

- AC Presence: Green LED
- Faults: Yellow LEDs

## TYPICAL USES

- System Power for burglar, access control
- Auxiliary Power for burglar, access control
- Proximity Reader Power
- Card Reader Power
- DC CCTV Camera Power
- Auxiliary Battery Charger
- Doorstrike Power
- Maglock Power

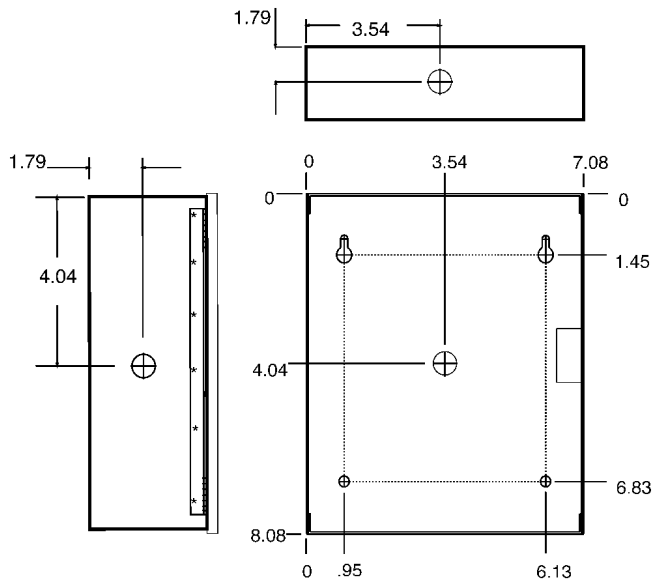
# ORDER INFORMATION

Order Information		Output			Physical Information		
Order#	Model Number	Voltage	Current	Charge Capacity	Cabinet Space	Supplied Batteries	Cabinet
00903	FMC-12/10-BFS	12 VDC	1 A	4 Ah	4 Ah		B01
00909	FMC-12/10-BFS-CAN*	12 VDC	1 A	4 Ah	4 Ah		B01
00904	FMC-12/10-BFS-1B4	12 VDC	1 A	4 Ah	4 Ah	4 Ah	B01
00910	FMC-12/10-BFS-CAN-1B4*	12 VDC	1 A	4 Ah	4 Ah	4 Ah	B01
00905	FMC-12/15-BFS	12 VDC	1½ A	14 Ah	14 Ah		B02
00911	FMC-12/15-BFS-CAN*	12 VDC	1½ A	14 Ah	14 Ah		B02
00906	FMC-12/15-BFS-1B7	12 VDC	1½ A	14 Ah	14 Ah	7 Ah	B02
00912	FMC-12/15-BFS-CAN-1B7*	12 VDC	1½ A	14 Ah	14 Ah	7 Ah	B02
00907	FMC-12/15-BFS-2B7	12 VDC	1½ A	14 Ah	14 Ah	14 Ah	B02
00913	FMC-12/15-BFS-CAN-2B7*	12 VDC	1½ A	14 Ah	14 Ah	14 Ah	B02
00908	FMC-12/15-HW-1B7	12 VDC	1½ A	14 Ah	14 Ah	14 Ah	B02

\* Denotes Canadian commercial units utilizing CSA Transformer

# TYPICAL LAYOUT

**B01 Cabinet**



**B02 Cabinet**

