



ALARM SAF

POWER SUPPLY/BATTERY CHARGER (PS1,3,5)



6; 12; 18; 24 VDC

1 to 4 Amperes

Economical and reliable, these general purpose, cabinet enclosed units are available in 6, 12, 18 or 24 VDC models at 1, 3, or 4 Amperes. Intended to provide main, standby, or auxiliary power to non-listed systems, these devices are supplied complete with locking cabinet and transformer. Charge capacity ranges from 4 to 38 Amphours depending on model.

DIMENSIONS

Cabinet Size

- B03
 - 11"H x 15"W x 4"D
 - 28cm x 38cm x 11cm

Cabinet Weight

- 18 lbs. (8.2 kg.)

Cabinet Material

- 18 Gauge Painted Steel

Cabinet Battery Space

- B03
 - 4.5"H x 14.5"W x 4"D
 - 12cm x 37cm x 10cm

SPECIFICATIONS

Input Characteristics

Desired Output	PS1	PS3	PS5
6VDC	12VAC 20VA	120VAC 50VA	120VAC 90VA
12VDC	16VAC 20VA	120VAC 100VA	120VAC 140VA
18VDC	18VAC 40VA	120VAC 100VA	120VAC 180VA
24VDC		120VAC 140VA	120VAC 225VA

Output Characteristics

Output Voltage	6, 12, 18	6, 12, 18, 24	6, 12, 18, 24
Output Current (A)	1	3	5*
Ripple (RMS)	.01Vp-p	.005VAC@.5A; .14VAC@2.5A	.005VAC@.5A .14VAC@4A

*For continuous current draw, derate to 4 Amperes;

Fault Conditions Detected

AC Fuse		Yes	Yes
Battery Fuse		Yes	Yes
Low Battery/Output		Yes	Yes

Visual Indicators (LED's)

AC	Green	Green	Green
Common Fault		Yellow	Yellow

Fault Reporting Mechanism

Voltage Out		Yes	Yes
Visual		Yes	Yes
Relay			Yes

Common Characteristics

Reverse Polarity Protection	Yes	Yes	Yes
Thermal Protection	Yes	Yes	Yes
Battery Fuse	Yes	Yes	Yes

FEATURES

- 6, 12, 18 or 24 VDC
- 1 to 4 Amp Current Capability
- Fault Status Reporting
- Key Lockable Cabinet
- Vented Cabinet
- In-Cabinet Battery Storage Capacity
 - 20Ah @ 6, 12, 18 Volts
 - 8Ah @ 24 Volts
- Fault Relay (See Order Information)
- **LIFETIME WARRANTY** on PC Board

USAGE

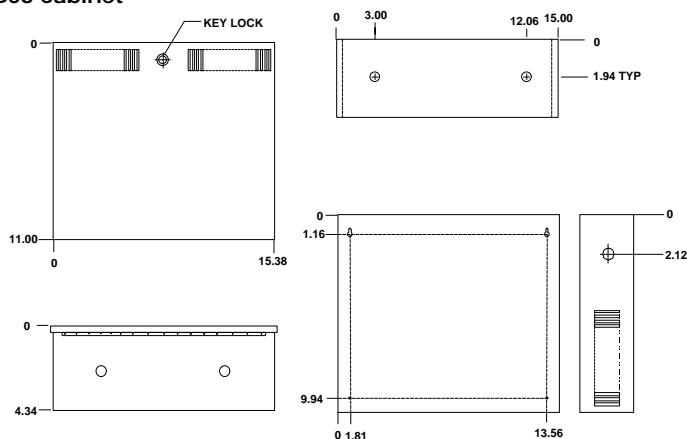
- Uninterruptible Power System
- Maglock Power Source
- Strike Power Source
- Card Reader Power
- Proximity Reader Power
- High Capacity Standby Battery Charger

ORDER INFORMATION

Order #	Model Number	Output Voltage	Output Current	Battery Charge Capacity	Cabinet Battery Space	Supplied Battery Set	Trouble Relay	B01	B03
00807	PS1-BFS-12	12VDC	1A	4Ah	4Ah			•	
00808	PS1-BFS-12-B	12VDC	1A	4Ah	4Ah			•	
00809	PS3-BFS-12	12VDC	3A	20Ah	20Ah				•
00816	PS3-BFS-12-2B7	12VDC	3A	20Ah	20Ah	14Ah			•
00810	PS3-BFS-24	24VDC	3A	20Ah	8Ah				•
00832	PS3-BFS-12-4B4	12VDC	3A	20Ah	20Ah	16Ah			•
00833	PS3-BFS-24-2B7	24VDC	3A	20Ah	8Ah	7Ah			•
00813	PS5-BFS-6	6VDC	4A	34Ah					•
00811	PS5-BFS-12	12VDC	4A	38Ah	20Ah				•
00817	PS5-BFS-12-4B4	12VDC	4A	38Ah	20Ah	16Ah			•
00814	PS5-BFS-18	18VDC	4A	38Ah	20Ah				•
00812	PS5-BFS-24	24VDC	4A	38Ah	8Ah				•
00818	PS5-BFS-24-4B4	24VDC	4A	38Ah	8Ah	8Ah			•
00834	PS5-12040-B03	12VDC	4A	34Ah	20Ah		•		•
00836	PS5-24040-B03	24VDC	4A	34Ah	8Ah		•		•
00839	PS5-BFS-12-1B7	12VDC	4A	34Ah	20Ah	7Ah			•

MECHANICAL

B03 Cabinet



B01 Cabinet

