



ALARM SAF

POWER SUPPLY/BATTERY CHARGER (PS5)



12 or 24 VDC

2.5 to 4 Amperes

These Agency Listed PS5 units provide main, standby, or auxiliary DC power to access control or fire systems. Features offered on specific models include 2.5 to 4 Amp performance, charging capability to 36 Amphours, fault detection, lockable and vented cabinets, power limiting, thermal and current limiting, and reverse polarity protection for the battery set. The cabinet will provide space for a 20Ah battery set at 12 Volts or an 8Ah set at 24 Volts.

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

- AC Input
 - 120VAC (+10%,-15%),60Hz, Single Phase
 - 2.5A max

Output Characteristics

- Voltage: 12 or 24VDC
- Current: model specific, see chart
- Overcurrent Protection
 - Fuse
 - Electronic regulator
- Current Limiting Protection–Circuit Breaker/PTC*

Visual Indicators

- AC Presence ... Green LED
- Fault Yellow LED (PS5-BFS-UL)
- System OK Green LED (PS5-B03-UL)

Temperature Characteristics

- Operating Temperature Range
 - 0°C to 50°C
 - Humidity 85% @ 30°C

Fault Detection

- Conditions Reported
 - Low Battery
 - Loss of AC
 - Blown Battery Fuse
 - Blown AC Fuse
 - Tripped PTC/CB (Power Limited Models Only)
- Reporting Method
 - Current Limited Voltage Output (PS5-BFS-UL**)
 - Form 'C' Relay (PS5-B03-UL)
 - Contact Ratings: 1A @ 24VDC

Temperature Characteristics

- Operating Temperature Range
 - 0°C to 50°C
 - Humidity 85% @ 30°C

* Polyswitch Circuit Protector

**When using the PS5-BFS-XX-UL for fault reporting in fire applications, the accessory relay RBKS-124P or RBKS-124N must be used. Call Tech Support for Application Bulletin.

FEATURES

- 12 or 24 VDC (See Order Information Chart)
- 4 Amp Current Capability or...
 - 2.5 Amps Power Limited
- Fault Status Reporting
- Key Lockable Cabinet
- In-Cabinet Battery Storage Capacity
 - 20Ah @ 12 Volts
 - 8Ah @ 24 Volts
- Vented Cabinet
- Fault Relay (See Order Information Chart)
- **LIFETIME WARRANTY** on PC Board

LISTINGS

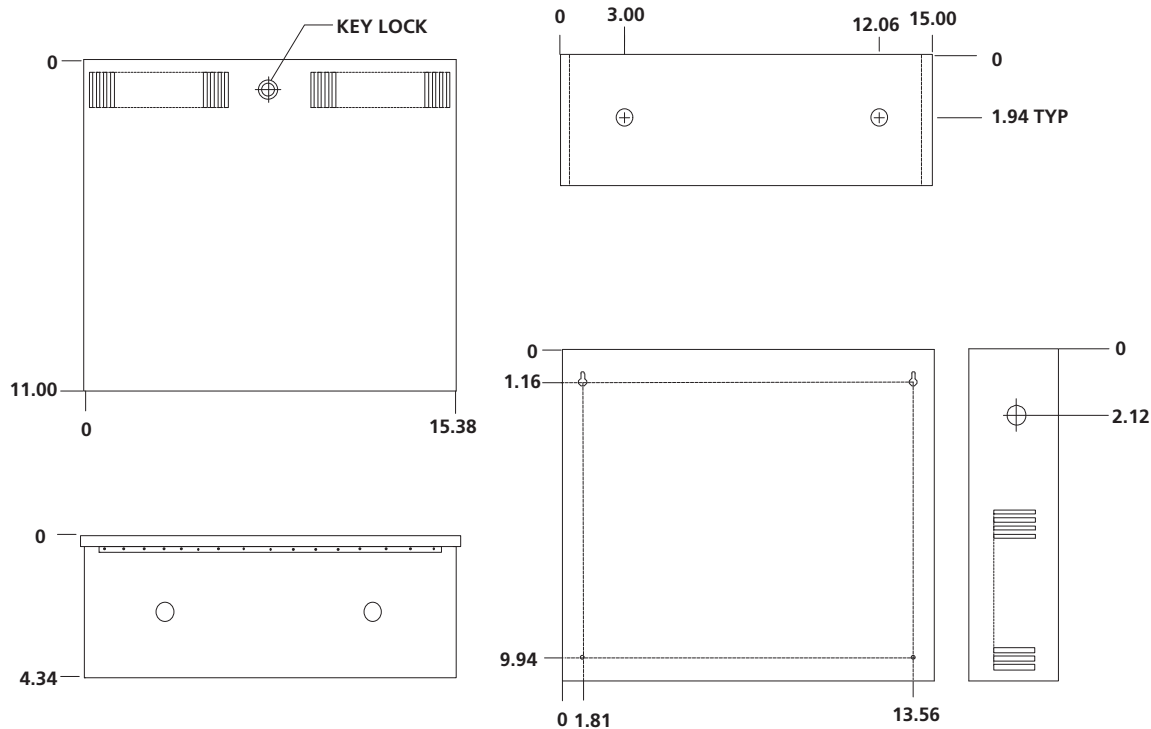


- UL Listings
 - UL 294 Access Control System Units
 - UL 1481 ... Power Supplies for Fire Protective Signaling Systems
- MEA City of New York

ORDER INFORMATION

Order Number	Model Number	Output Voltage	Output Current	Battery Charge Capacity	Cabinet Battery Space	Supplied Battery Set	Trouble Relay	Power Limited	Access	Burg	Fire	CCTV
01317	PS5-12025-B03-UL	12VDC	2 A	34Ah	20Ah		•	•	•		•	
01320	PS5-12025-B03-UL-1B7	12VDC	2 A	34Ah	20Ah	7Ah	•	•	•		•	
01321	PS5-12025-B03-UL-2B7	12VDC	2 A	34Ah	20Ah	14Ah	•	•	•		•	
01313	PS5-12040-B03-UL	12VDC	4A	34Ah	20Ah		•		•		•	
01322	PS5-12040-B03-UL-1B7	12VDC	4A	34Ah	20Ah	7Ah	•		•		•	
01323	PS5-12040-B03-UL-2B7	12VDC	4A	34Ah	20Ah	14Ah	•		•		•	
01315	PS5-12040-B03-UL-RED	12VDC	4A	34Ah	20Ah		•		•		•	
01318	PS5-24025-B03-UL	24VDC	2 A	34Ah	8Ah		•	•	•		•	
01324	PS5-24025-B03-UL-2B7	24VDC	2 A	34Ah	8Ah	7Ah	•	•	•		•	
01314	PS5-24040-B03-UL	24VDC	4A	34Ah	8Ah		•		•		•	
01325	PS5-24040-B03-UL-2B7	24VDC	4A	34Ah	8Ah	7Ah	•		•		•	
01316	PS5-24040-B03-UL-RED	24VDC	4A	34Ah	8Ah		•		•		•	
01303	PS5-BFS-12-UL	12VDC	4A	38Ah	20Ah				•		•	
01308	PS5-BFS-12-UL-2B7	12VDC	4A	38Ah	20Ah	14Ah			•		•	
01305	PS5-BFS-12-UL-RED	12VDC	4A	38Ah	20Ah				•		•	
01304	PS5-BFS-24-UL	24VDC	4A	38Ah	8Ah				•		•	
01307	PS5-BFS-24-UL-2B7	24VDC	4A	34Ah	8Ah	7Ah			•		•	
01306	PS5-BFS-24-UL-RED	24VDC	4A	34Ah	8Ah				•		•	
01319	PS5-BFS-24-UL-RED-2B7	24VDC	4A	34Ah	8Ah	7Ah			•		•	

MECHANICAL



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