

®



PSB series Power Supply Unit

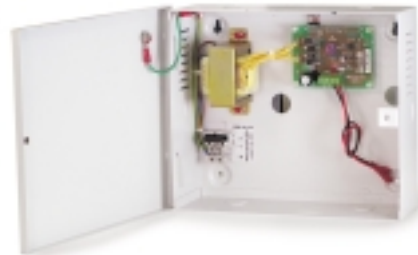
Specifications:

Gianni power supplies are housed in a robust, compact wall mounted steel fabricated case with lift-off hinged front panel. In the event of a mains power failure, standby power is automatically provided from battery charging output.

- ✓ **Input: 110~120 VAc (or 230~240VAc) .**
- ✓ **Strong power output even enough for large load.**
- ✓ **LED indicates power supply status.**
- ✓ **Build-in triple section fuse protection**
- ✓ **Each output is protected by individual PPTC**
- ✓ **Build-in backup battery Charger for uninterruptible.**
- ✓ **Tamper Switch Protection.**



24VDC case Size



12VDC case Size

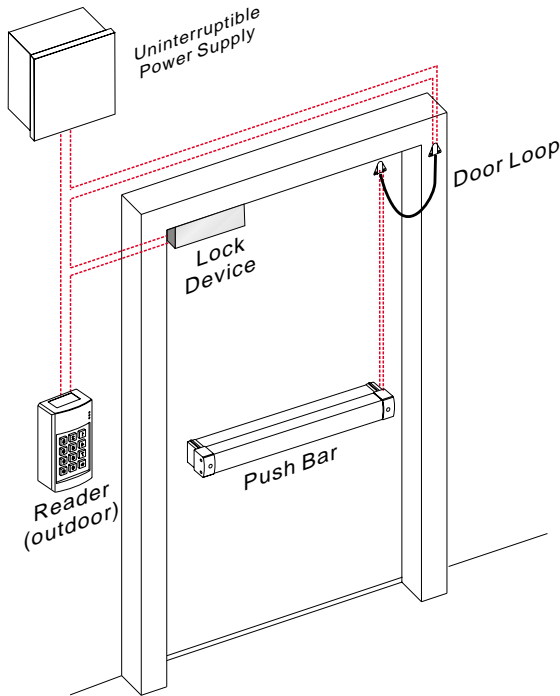
	PSB-1A	PSB-2A	PSB-3A	PSB-5A
Input	110~120 Vac (or 230~240VAc)	110~120 Vac (or 230~240VAc)	110~120 Vac (or 230~240VAc)	110~120 Vac (or 230~240VAc)
Output	12 VDC (or 24VDC)	12 VDC (or 24VDC)	12 VDC (or 24VDC)	12 VDC (or 24VDC)
2 LEDs to indicate power supply status	✓	✓	✓	✓
Build in triple section fuse protection (PPTC)	✓	✓	✓	✓
Output contact port	1	1	3	5
12VDC case Size(mm)	(L) 230 (W) 200 (D) 80	(L) 230 (W) 200 (D) 80	(L) 330 (W) 330 (D) 80	(L) 330 (W) 330 (D) 80
24VDC case Size(mm)	(L) 330 (W) 330 (D) 80	(L) 330 (W) 330 (D) 80	(L) 330 (W) 330 (D) 80	(L) 330 (W) 330 (D) 80
Build-in backup * battery Charger	✓	✓	✓	✓
Tamper Switch *	✓	✓	✓	✓

*Optional: Tamper Switch: When housing case is opened, the tamper switch will switch to N.O. (Normal Open)

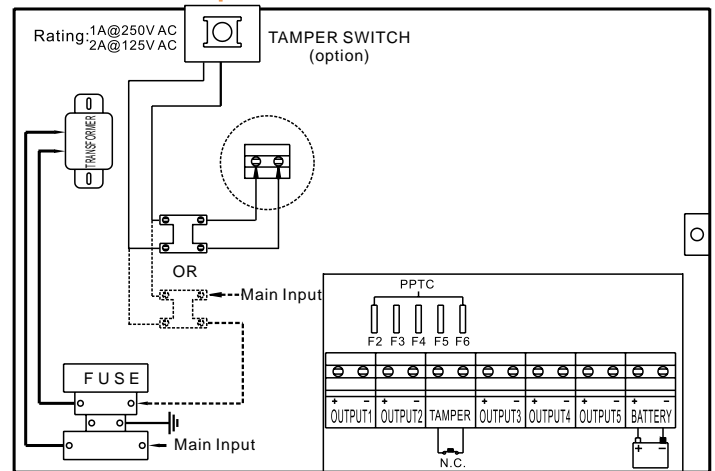
*Battery charger and may accommodate up to 2 batteries that provide continuous operation of access controls and locking hardware during a power failure.



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(PSB-5A)



1. Status LED specifications

- Power:

Orange: Both AC input and DC outputs are at normal status.

Green: There is no AC input, and the power is supplied by the batteries.

Red: There is no output voltage.

- Charge:

Red light on: The batteries are charging.

Red light off: The batteries are finished charging. (If the light is off immediately after the power is on, there may be some damages with the batteries).

2. Installation specifications

- There is always voltage output between the OUTPUT 1~2.

When the TAMPER is at N.C, there is voltage output between the OUTPUT 3~5, and when the TAMPER is at N.O, there is no voltage output.

- Each OUTPUT is protected by individual PPTC from over current; therefore each load of output may not exceed 1AMP.

- TAMPER switch: system on-off push switch mounted on outside cover. When outside cover is close, TAMPER switch is on N.C; when outside cover is open, TAMPER switch is on N.O.

■ For series connection at "L", it will disconnect the main power for 230Vac.

■ For parallel connection at the TAMPER, it will control the output between the OUTPUT 3~5.

Warranty:

GEM access control related accessories are warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer.

Disclaimer:

The information and specifications printed in this manual are current at the time of publication. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.