

# Power Supplies PSB Series

Linear Power Supplies with  
High Performance Torodial Transformer



## GPD-3015-PLUS

Optional Power Distribution Board  
PTC resettable fuse protection  
Maximum output rating 1 amp

The GEM family of PSB series linear power supplies is specifically designed to support electrified locks and access control systems. It can serve as an uninterruptible power source that provides emergency power when the input power fails. The PSB series is equipped with a toroidal transformer that features low operating temperature and high electrical efficiency.

### Standard Features

- Filtered & regulated DC output
- Sealed lead acid battery charging capability (Battery not included, Maximum battery size 12VDC/7AH)
- Battery power disconnects when battery is fully charged
- LED indicators (For AC/DC/Battery status)
- Contact Ports: 3 (two for locks, one for backup battery)

### Protection

- Low battery voltage
- DC short circuit
- Reverse battery polarity
- AC & DC overcurrent
- DC thermal overload

### PSB Series Power Supplies

Models	Input Voltage (VAC)	Output Voltage (VDC)	Contact Ports	Status LED	Low Voltage Protection (VDC)	Tamper Switch	Toroidal Transformer	Dimensions
PSB3A-230-12N PSB3A-230-24N	220-240	3A/13.8 3A/27.6	3	AC,DC,Battery	9-10.5 19-21.5	●	●	12 5/8" x 12 13/16" x 3 1/2" (320 x 325 x 89.5mm)
PSB5A-230-12N PSB5A-230-24N	220-240	5A/13.8 5A/27.6	3	AC,DC,Battery	9-10.5 19-21.5	●	●	12 5/8" x 12 13/16" x 3 1/2" (320 x 325 x 89.5mm)

Note: All above models are available by special order on 110-120VAC operation.

### Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 5 years from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.



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