



**ALARM SAF**

## COMMERCIAL POWER SUPPORT SYSTEMS (PSS)



### 12/24 VDC; 3 to 16 Amp

This unit combines a multi-regulator, Float Mode Battery Charger/Power Supply in a vented locking cabinet for an uninterruptible backup or primary power system. The systems are offered in a 12 or 24 volt version in capacities of 3 to 16 Amperes. Compatibility with all lead-acid rechargeable or gelled electrolyte batteries assures reliable, cost-effective backup power. Systems may be ordered with single or multiple outputs for power distribution or split load requirements.

## DIMENSIONS

### Cabinet Size

- B03
  - 11" H x 15" W x 4" D
  - 28cm x 38cm x 10.2cm
- B04
  - 15" H x 18" W x 4" D
  - 38cm x 45.7cm x 10.2cm

### Cabinet Weight

- 29 lbs. (Max) (Excluding Battery)

### Cabinet Material

- B04
  - 16 Gauge Painted Steel
- B03
  - 18 Gauge Painted Steel

### Battery Space

- B04 (3 & 8 Amp Unit)
  - 7" H x 18" W x 4" D
  - 17.8cm x 45.7cm x 10.2cm

## SPECIFICATIONS

### Input Characteristics

- Input Voltage: 120VAC, 60 Hz., Single Phase
- Input Current: 2 to 10 Amperes (Model Dependent)

### Output Characteristics

- Voltage: 13.8 or 27.6VDC
- Ripple: @ 50% Rated Load < 1%
- Overcurrent Protection
  - Low Voltage AC Fuse
  - Battery Fuse
  - Output Fuses (Power Distribution Option)
  - Electronically Limited Regulators
- Thermal Protection
  - Transformer Fuse Link
  - Electronically Limited Regulators

### Battery Chemistry

- Lead Acid
- Gelled Electrolyte

### Visual Indicators

- AC Presence - Green LED
- Normal Operation - Green LED
- Blown P.D. Fuse - Yellow LED

### Fault Detection Conditions Reported

- AC Loss
- Blown AC/Battery/P.D. Fuse
- High/Low Battery
- High/Low Output

### Fault Reporting Method

- Form "C" (SPDT) Relay
  - 1 Amp @ 26VDC, 0.5 Amp @ 115VAC

### Temperature Characteristics

- Storage Temperature Range:
  - 30° to 75°C
- Operating Temperature Range:
  - See Derating Curve

## FEATURES

- Uninterruptible Power System
- Thermal & Reverse Polarity Protected
- Vented Locking Cabinet
- Interior Battery Space (4 or 8 Amp Units)
- Fault Detection/Reporting
- Matching Battery Cabinets
- Power Distributed Models Available

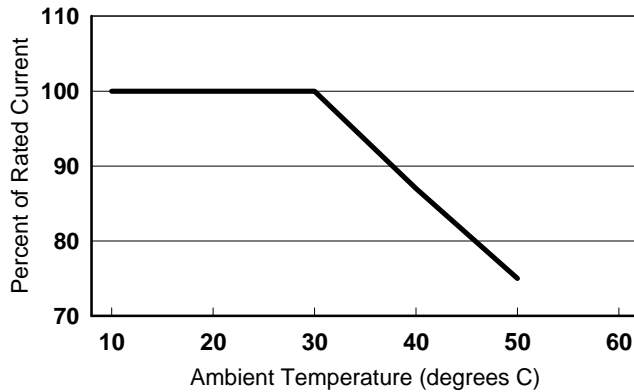
## TYPICAL USES

- Burglar System Power
- Lock Power
- CCTV Power
- Door Strike Power
- Proximity Reader Power
- Maglock Power
- Access Control System Power
- Card Reader Power
- Proprietary Telephone Power

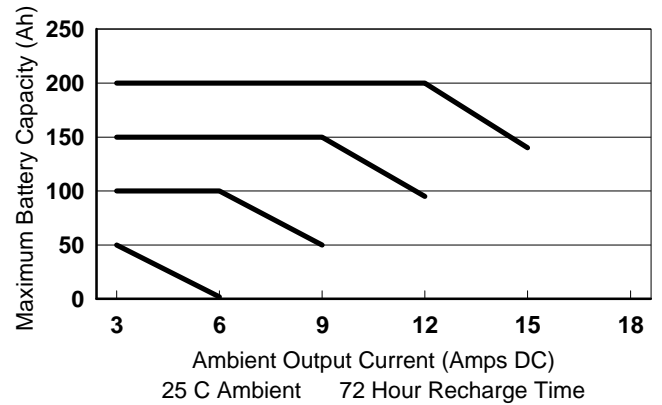
## TEMP CHARACTERISTIC

### Derating Characteristics

- Commerical Power Support Systems Output Current Rating



- Commerical Power Support Systems



## ORDER INFORMATION

Order #	Model#	Output Voltage	Output Current	Output Zones	Included Batteries	Cabinet
01001	NPL-12030-B03	12V	3 Amp.	1		B03
01003	NPL-12040-B04	12V	4 Amps	1		B04
01004	NPL-12040-B04-1B17	12V	4 Amps	1	17 Ah	B04
01005	NPL-12040-B04-2B17	12V	4 Amps	1	34 Ah	B04
01008	NPL-12060-B03	12V	6 Amps	1		B03
01010	NPL-12080-B04	12V	8 Amps	1		B04
01011	NPL-12080-B04-1B17	12V	8 Amps	1	17 Ah	B04
01012	NPL-12080-B04-2B17	12V	8 Amps	1	34 Ah	B04
01015	NPL-12120-B04	12V	12 Amps	1		B04
01017	NPL-12160-B04	12V	16 Amps	1		B04
01002	NPL-24030-B03	24V	3 Amp.	1		B03
01006	NPL-24040-B04	24V	4 Amps	1		B04
01007	NPL-24040-B04-2B17	24V	4 Amps	1	17 Ah	B04
01009	NPL-24060-B03	24V	6 Amps	1		B03
01013	NPL-24080-B04	24V	8 Amps	1		B04
01014	NPL-24080-B04-2B17	24V	8 Amps	1	17 Ah	B04
01016	NPL-24120-B04	24V	12 Amps	1		B04
01018	NPL-24160-B04	24V	16 Amps	1		B04
01132	PLS-12030-B03	12V	3 Amp.	2		B03
01101	PLS-12040-B04	12V	4 Amp.	2		B04
01113	PLS-12060-B03	12V	6 Amps	2		B03
01103	PLS-12080-B04	12V	8 Amps	2		B04
01104	PLS-12080-B04-1B17	12V	8 Amps	2	17 Ah	B04
01105	PLS-12080-B04-2B17	12V	8 Amps	2	34 Ah	B04
01108	PLS-12120-B04	12V	12 Amps	3		B04
01110	PLS-12160-B04	12V	16 Amps	4		B04
01111	PLS-24060-B03	24V	6 Amps	2		B03
01106	PLS-24080-B04	24V	8 Amps	2		B04
01107	PLS-24080-B04-2B17	24V	8 Amps	2	17 Ah	B04
01109	PLS-24120-B04	24V	12 Amps	3		B04
01102	PLS-24160-B04	24V	16 Amps	4		B04

### Cabinets

- B03 = 11" H x 15" W x 4" D
- B04 = 15" H x 18" W x 4" D

### Note

All model units sold with batteries are shipped with a battery harness appropriate for that configuration. Wiring Harnesses for different Battery configurations can be purchased seperately.