



Remote Booster Power Supplies

Expands Power to NACs

EBPS6A & EBPS10A

FEATURES

- > Available in 10 amp and 6.5 amp models
- > Includes four independent 3 amp NACs - each configurable as auxiliary outputs
- > Configurable signal rates
- > Field selectable input-to-output correlations
- > Extends power available to Notification Appliance Circuits (NACs)
- > Provides strobe synchronization
- > Use as Auxiliary Power Supply
- > NACs configure for either four Class B or two Class A circuits
- > On-board status LEDs for easy recognition of wiring faults
- > Supports up to 24 Amp hour batteries for fire applications

AGENCY APPROVALS

- > UL 864
- > ULC
- > CSFM

www.leedan.com info@leedan.com Toll-Free: 800-231-1414

The Remote Booster Power Supply is a self-contained 24V DC power supply designed to augment fire alarm audible and visual power requirements. The booster contains all of the necessary circuits to monitor and charge batteries, control and supervise four Class B or two Class A Notification Appliance Circuits (NACs) and monitor two controlling inputs from external sources.

Provides ample space for additional Genesis® interface modules and battery compartment.

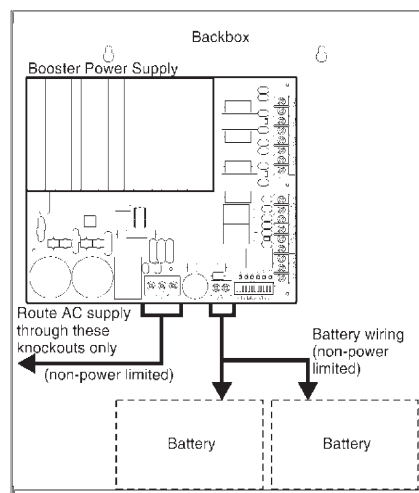
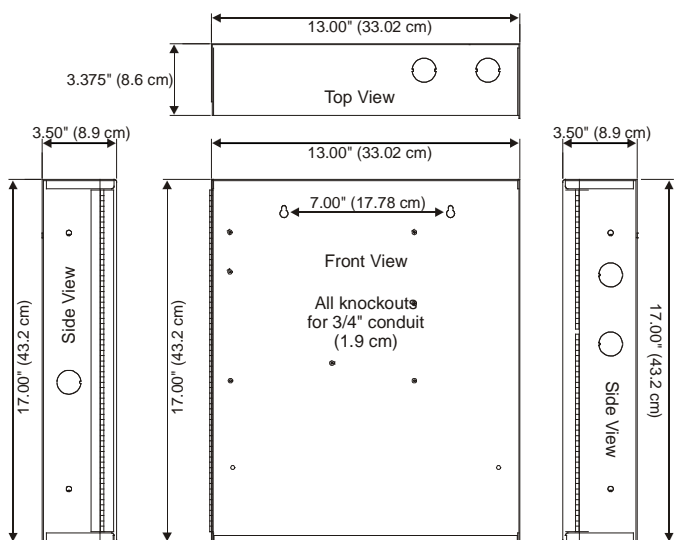
Fault conditions detected by the EBPS will open the main panel's NAC.

EBPS notification appliance circuits easily configure for either 3-3-3 temporal or continuous rates.

In addition to the three generated signal rates, the EBPS can also be configured to follow the signal rate of the main panel's notification appliance circuit, and provide the ability to synchronize Edwards Genesis strobes and horns.

The EBPS includes seven on-board LED indicators: one for each resident NAC; one for battery supervision; one for ground fault; and one for AC power. The trouble contact has a sixteen second delay when an AC power failure or brownout condition is detected, reducing the reporting of troubles during short duration AC brownouts.

EBPS configuration options include: AC power fail delay; sensing input to NAC output correlations. NAC 1 through 4 are configurable as auxiliary outputs. Auxiliary outputs can be on or off after 30 seconds without AC power. Jumpers configure the EBPS for Class A or Class B wiring.



Catalog Number

EBPS6A (6.5A Booster)

EBPS10A (10A Booster)

AC Line Voltage

120V AC 50/60 Hz, 250 Watts

120V AC 50/60 Hz, 375 Watts

Notification Appliance Power

3.0A max. per circuit @ 24V DC nominal,
6.5A max total all NACs

3.0A max. per circuit @ 24V DC nominal,
10A max total all NACs

Trouble Relay

2 Amps @ 30V DC

Auxiliary Outputs

Dedicated 200 mA aux output.
NACs 1 through 4 can also be configured as auxiliary.

Input Current (from an existing NAC)

3 mA @ 12V DC, 6 mA @ 24V DC

Max. Battery Size in cabinet

10 Amp Hours (2 of 12V10A)

Terminal Wire Gauge

18-12 AWG

Relative Humidity

0 to 93% non-condensing

Temperature Rating

32 to 120F (0 to 49C)

NAC Wiring Styles

Class A or Class B

Output Signal Rates

Continuous, 3-3-3 temporal, or follow installed panel's NAC

Related Equipment

12V6A5 7.0 Amp Hour Battery, two required

12V10A 10 Amp Hour Battery, two required

12V17A 17 Amp Hour Battery, two required

12V24A 24 Amp Hour Battery, two required