

MODEL 505-12 POWER SUPPLY WIRING DIAGRAM

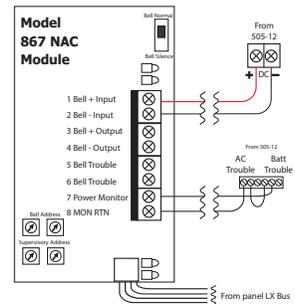
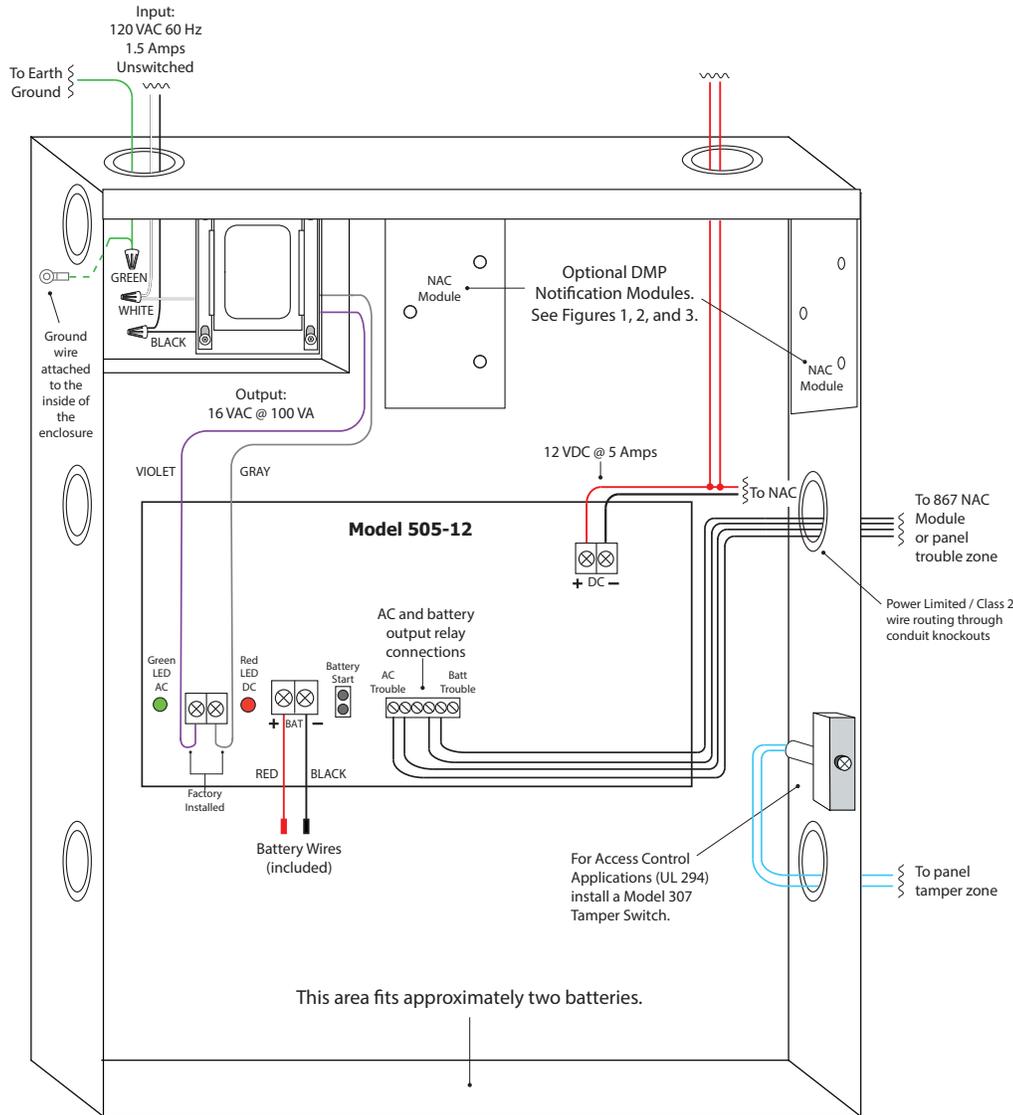


Figure 1: Addressable Power Booster Model 505-12LX

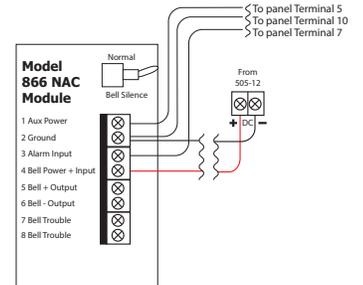


Figure 2: Conventional Class B NAC

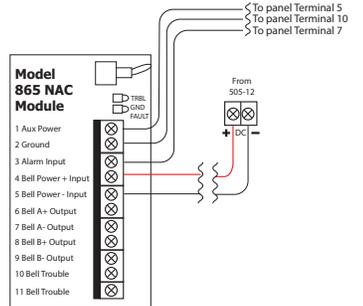


Figure 3: Conventional Class B NAC

Output Current						
Output Voltage	Voltage Type	Normal Standby	Standby Battery Min Operating Time	Maximum (Alarm)	Standby Battery Operating Time	Ripple Voltage
12 VDC	Direct Current	1.25 Amps	24 Hours	5.0 Amps	5 Minutes	350 mV

Refer to the 505-12 Installation Guide (LT-0453) for complete descriptions of wiring connections and NAC Module information.

Specifications

12 VDC Power Supply 5 Amp Maximum
For UL 603 and UL 294 10.76-12.36 VDC at 1.25 Amps normal standby and 5 Amps alarm

Note: Not intended to provide power for sounding devices in UL 609 Local Burglar System

Secondary Power Supply

1.5 Amps maximum charge current. Use only 12 VDC batteries. Replace every 3-5 years. Refer to LT-0453 for installation details.

Power Limited

All circuits in the Model 505 comply with the requirements for inherent power limitation and are Class 2 with exception of the red battery wire.

NFPA

This equipment should be installed in accordance with the Standard Fire-Protective Signaling Service (National Fire Protection Association, Batterymarch Park, Quincy MA 02269)

Certifications

UL 1481 Power Supplies for Fire Protective Signaling Systems
UL 603 Power Supplies for Burglary Alarm Systems
UL 294 Power Supplies for Access Control System Units

