

Power Supply Expander

The Power Supply Expander is a device designed for use as either a remote 24-volt power supply or used to power Notification Appliances.

1. The PSE shall offer up to 6.0 amps or 10 amps of regulated 24-volt power. It shall include an integral charger designed to charge up to 33-amp hour batteries.
2. The Power Supply Expanders shall have two or three fully isolated input triggers configurable, pairing any input with any output. The input trigger shall be a Notification Appliance Circuit (from the Fire Alarm Control Unit) or a control module. Five or Seven outputs shall be available for connection to the Notification devices Class B or Class A (without losing any output using converter card)
3. UL-Listed NAC synchronization using System Sensor, Wheelock, Gentex or AMSECO appliances. Sync signal may be triggered from FACU NAC or remote sync outputs allowing cascading or daisy chain multiple power supplies.
4. The PSE shall include trouble history modes for diagnostic support. PSE shall include individual NAC power and trouble LEDs for diagnostic efficiency.
5. The Power Supply Expanders shall include the ability to delay the AC fail delay per NFPA requirements.
6. Self-Contained in compact, locking cabinet constructed of heavy gauge steel with a corrosion-resistant powder coat chip and scratch-resistant finish. Cabinet shall consist of 10 double knockouts and a removable door for ease of installation and wiring.
7. The PSE shall be capable of utilizing a wide range of end of line supervision values (normal 2K- 27K ohms).
8. The PSE shall be completely configurable via onboard dip switches, with no extra software required.