

NFPA Compliant Battery Back-Up Power

Public Safety/BDA In-Building Coverage

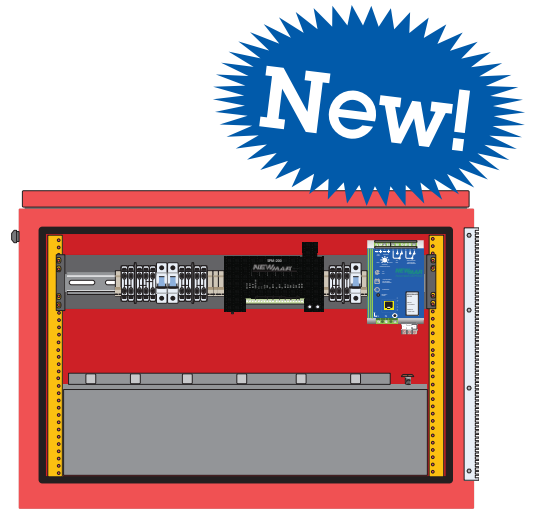
An integral part of an in-building solution for emergency response radio coverage is the backup power system. NFPA codes relating to the autonomous operation and monitoring of the BDA power is quite stringent. These back up power enclosures were engineered to meet every aspect of NFPA 72 and provide integrators configuration flexibility and rapid delivery directly to site, batteries included.

Features

- NFPA Compliant
 - All Required monitoring alarms
- Batteries included
 - Choose capacity to match system requirements
- NEMA 4X Enclosure
 - Choose wall mount case size A or B
- Prewired internal & external, with waterproof feed thru's for easy on-site connections:
- Customization to meet local AHJ's requirements



12-24-48V, 18 - 100AH
26" x 22" x 10"
Case A



48V, 100AH
19" x 24" x 20"
Case B

Specifications

Input: 115/230 VAC

Outputs:

DC: 12, 24 and 48V, with 120, 240 and 480 Watt DC UPS

AC: 110V at 100 watts, 24 hour rating (contact factory for detailed specifications)

Protections: Battery breaker, AC input breaker, NEMA 4X enclosure

NFPA Compliant Alarms (Form C, Dry Contact)

- AC fail
- Battery discharged to 30% of capacity
- Charger fail

Batteries Included: maintenance free, valve regulated, sealed lead acid, 18, 55, and 100 AH capacity

External wiring:

- AC Input: 16 AWG, UL 3 conductor, SJT jacket, 12', with molded plug

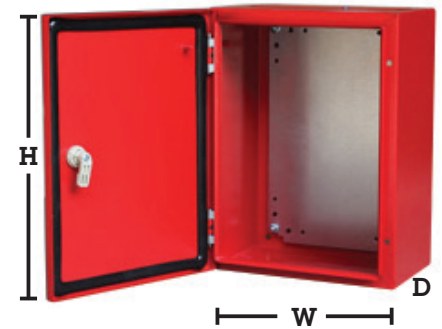
Enclosure: NEMA 4X, IP 65, welded aluminum with IP 65 battery vent and locking door with 4 each 1/2" knock-outs for cable entry on sides and bottom (16 total), IP 65 cable entries. Red powder coat wall mount.

Optional Configurations/Components

- Input/Output wire lengths/terminations/plugs
- Ethernet/SNMP monitoring and data logging (see model SPM-200 for specifications)
- Battery temperature compensation sensor
- Inverter installed - AC UPS

*Preliminary: Specifications subject to change

Model	Output Voltage	DC UPS Power Watts	Batt Capacity	Enclosure Size
PE-12V-120W-18AH	12 VDC	120	18	A
PE-12V-120W-55AH	12 VDC	120	55	A
PE-12V-120W-100AH	12 VDC	120	100	A
PE-24V-240W-18AH	24 VDC	240	18	A
PE-24V-240W-55AH	24 VDC	240	55	A
PE-24V-240W-100AH	24 VDC	240	100	A
PE-48V-480W-18AH	48 VDC	480	18	A
PE-48V-480W-55AH	48 VDC	480	55	A
PE-48-480W-100AH	48 VDC	480	100	B
PE-110V-100W-100AH/24V	110 VAC	100	100	A



Case	Size
A	26" x 22" x 10"
B	19" x 24" x 20"



Powering the Network