



UL Standard 2524
UL Standard 924

**ASSEMBLED IN
THE USA**

PE SERIES POWER ENCLOSURES

NFPA Compliant Battery Backup

ETL Listed to UL Standard 2524 & 924 Public Safety/BDA In-Building Coverage

An integral part of an in-building solution for emergency response two-way radio coverage is the backup power system. NFPA codes relating to the autonomous operation and monitoring of the BDA power are stringent. PE Series backup power enclosures are engineered to meet every aspect of NFPA 1221 and provide integrators configuration flexibility, easy installation, and rapid delivery directly to site. Batteries included.

FEATURES

- ETL listed to UL 2524 & 924
- NFPA compliant
- All required monitoring alarms
- Batteries included
- Choose capacity to match system requirements
- NEMA-4 enclosure
- Lightweight and prewired with waterproof feed-thru's for easy one-man install and on-site connections
- Assembled in the U.S.A

ENCLOSURE A

12, 24, & 48V DC, 18 - 100AH
NEMA-4, UL listed (E465553), welded aluminum with IP65 battery vent and locking door, IP68 cable entries. Red powder coat wall mount.

ENCLOSURE B

48V, 100AH
NEMA-4, welded aluminum with IP65 vent, pad lockable door handle, IP68 cable entries. Red powder coat wall mount.

SPECIFICATIONS

Input Voltage Range	115/230 VAC (factory wired for 120V AC)
DC Output	12, 24 and 48V, with 120, 240 and 480 Watt DC UPS
AC Output	110V @ 96 watts
Protections	Battery breaker, AC input breaker, NEMA enclosure, liquid tight cord grips

Compliances	NFPA 1221 compliant alarms (Form C, Dry Contact) including AC fail, battery discharged to 30% capacity, and charger fail
Dimensions + Mounting Flanges (H x W x D)	Enclosure A: 30" x 23" x 10.5" Enclosure B: 3.15" x 24" x 24"
Batteries Included	Maintenance free, valve regulated, sealed lead acid, 18, 55, 82 and 100 AH capacity

Model	Output	BDA Load AMPS (Max)	Battery Capacity	Weight (w/ batteries)	Shipping Weight	Enclosure Size
PE-12V-120-18AH-UL2524	12V DC	1.2A	18 Ah	49 lbs	89 lbs	A
PE-12V-120-55AH-UL2524	12V DC	3.8A	55 Ah	75 lbs	115 lbs	A
PE-12V-120-100AH-UL2524	12V DC	5A	100 Ah	111 lbs	151 lbs	A
PE-24V-240-18AH-UL2524	24V DC	1.2A	18 Ah	63 lbs	103 lbs	A
PE-24V-240-55AH-UL2524	24V DC	3.8A	55 Ah	114 lbs	154 lbs	A
PE-24V-240-100AH-UL2524	24V DC	5A	100 Ah	186 lbs	226 lbs	A
PE-48V-480-18AH-UL2524	48V DC	1.2A	18 Ah	90 lbs	130 lbs	A
PE-48V-480-55AH-UL2524	48V DC	4A	55 Ah	190 lbs	230 lbs	A
PE-48V-480-82AH/UB-UL2524	48V DC	7.0A	82 Ah	284 lbs	324 lbs	A
PE-48V-480-100AH-UL2524	48V DC	8.5A	100 Ah	371 lbs	411 lbs	B
PE-110V-165-100AH/24V-UL2524	110V AC	1.4A	100 Ah	191 lbs	231 lbs	A

BATTERIES

Model	Battery	Quantity	Continuous Load (Max) 12-hour rating	Continuous Load (Max) 24-hour rating	Electrolytes	Content (Gallons)
PE-12V-120-18AH-UL2524	ES17-12S	1	1.2A / 15.2W	.75A / 9W	1.9 lbs	0.3
PE-12V-120-55AH-UL2524	XP12-210FR	1	3.8A / 48.2W	2.33A / 28W	7.6 lbs	0.8
PE-12V-120-100AH-UL2524	PYL12V100FS	1	5A / 63.5W	4.6A / 55W	22.8 lbs	1.6
PE-24V-240-18AH-UL2524	ES17-12S	2	1.2A / 29.4W	.75A / 18W	3.9 lbs	0.6
PE-24V-240-55AH-UL2524	XP12-210FR	2	3.8A / 93.1W	2.33A / 56W	15.2 lbs	1.6
PE-24V-240-100AH-UL2524	PYL12V100FS	2	5A / 122.5W	4.6A / 110W	45.7 lbs	3.2
PE-48V-480-18AH-UL2524	ES17-12S	4	1.2A / 60W	.75A / 36W	7.7 lbs	1.3
PE-48V-480-55AH-UL2524	XP12-210FR	4	4A / 200W	2.33A / 112W	30.5 lbs	3.2
PE-48V-480-82AH/UB-UL2524	PYL12V80TT	4	7.0A / 336W	3.7A / 177W	4.3 lbs	.94
PE-48V-480-100AH-UL2524	PYL12V100FS	4	8.5A / 392W	4.6A / 221W	91.3 lbs	6.3
PE-110V-165-100AH/24V-UL2524	PYL12V100FS	4	1.4A / 165W	.82A / 96W	91.3 lbs	6.3

Based on 100% duty cycle. Backup time increases if intermittent duty cycle loads are applied.



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YEARS