

PIERBORNE

EMERGENCY POWER VAULT

Project:

Type:

EMERGENCY POWER VAULT



EM Power Vault Mini Series - 20W to 55W

- ✓ **UL924 Listed**
- ✓ **120/277V - Field Selectable**
- ✓ **Rated for Extreme Temperatures**

EM POWER VAULT MINI SERIES

Pierborne offers the EMPV Mini Series to back up any 120V/277V device or fixture that needs to operate during a power failure. The Mini Series can provide 20 to 55 watts of power for 90 minutes, meeting UL924 requirements. Each unit is equipped with one (1) line voltage bypass, which can be turned on or off during normal power. Upon failure of the normal power, the fixture will automatically return to full output regardless of the position of the switch, dimmer, time clock, or line voltage device.

MINI SERIES OPTIONS

The EMPV Mini Series is available in recessed, surface or T-Grid housings. The Mini 20W & 35W come with NiCad batteries to meet applications where extreme temperatures apply (0-50 degrees Celsius). This system's sinusoidal AC output design eliminates voltage drops and proximity concerns., therefore allowing the Mini to be installed up to 1,000 feet from the units that they power.



Let us help identify the proper amount of power needed to illuminate the selected luminaires for emergency code compliance.



UL's Standard for LIFE SAVING Emergency Lighting and Power Equipment. Easily standardize on-site UL mandatory code compliant testing.



Integrate your specified downlights to provide an emergency path of egress. Enhance the aesthetic appeal of your area by getting rid of unsightly "bug-eyes".

“ inverter by
pierborne

Project:

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EMPV - Mini Series

Ordering Guide



Watts

20
32
35
55

Housing Options

S- Surface Mount
R- Recess Mount
T- Plenum Rated T-Grid Mount
SP-Special Housing Color

System Options

RTS- Remote Test Switch Panel
SDT- Self-Testing/Self Diagnostics
CEC- Title 20 Compliant
FCC- Part 15 Class A Compliance

MODEL #	90 MIN. CAPACITY (Watts/VA)	WEIGHT (lbs)	BATTERY TYPE	TEMP. RANGE (Celcius)	POWER CONSUM (Max)	BATTERY VOLTAGE (VCD)	DC INPUT CURRENT (ADC)	INPUT CURRENT		THERMAL OUTPUT (BTUs)	
								120VAC (Max)	277VAC (Max)	STANDBY	EMERGENCY
EMPV-MINI-20	20/20	11	NiCad	0-50°	9W	12	2.1	0.25A	0.11A	31	22
EMPV-MINI-32	32/32	14	Lead-Calc	20-30°	9W	12	3.4	0.34A	0.15A	7	32
EMPV-MINI-35	35/35	12	NiCad	0-50°	9W	12	3.8	0.37A	0.16A	31	35
EMPV-MINI-55	55/55	18	Lead-Calc	20-30°	9W	12	5.7	0.54A	0.23A	7	47

WIRING

Connection to an unswitched AC circuit is required by the NEC. Wiring access is provided for by conduit knockouts in the unit housing. EMPV Mini Series models also provide knockouts in the back of the housing for rear wiring from standard electrical boxes when surface mounting.

LOAD COMPATIBILITY

EM Power Vault's Mini model is clean, sinusoidal AC output will operate incandescent lamps as well as all common fluorescent and LED lamp types. Consult factory for compatibility with all other lamp types. Lighting loads are driven at 100% output for the entire emergency power cycle. This outstanding feature translates into greater occupant egress vision and safety.

WARRANTY & UL LISTING

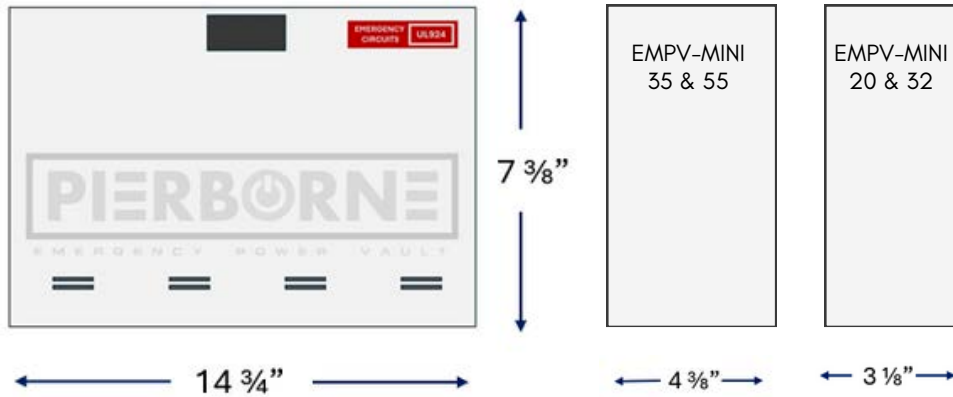
- Unit: (excluding lamps) Full coverage against defects in materials and workmanship for 3 years from date of shipment.
- Battery: 3 years Lead-Acid, 5 yrs NiCd full warranty plus an additional 7 years of pro-rata coverage.
- All models are UL924 Listed and meet NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes. Optional T-Grid models are plenum rated, to UL2043 and meets city of Chicago CCEA Requirements.
- UL Listed for damp locations (0°- 50°C for NiCad models and 20°- 30°C for lead-calcium models).
- Optional -CEC models are Certified to CEC Under Title 20 regulations
- FCC Part 15 Class B Compliant

Project:

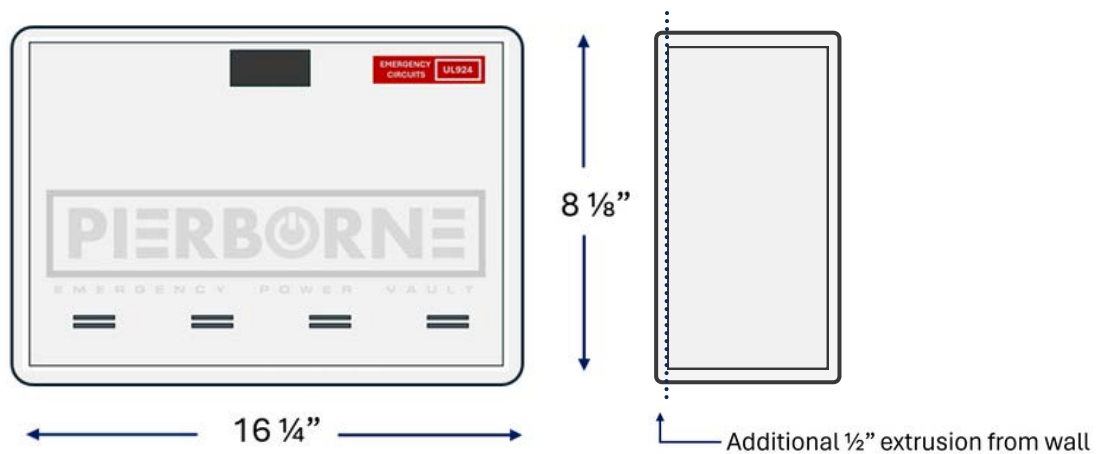
Type:

EMPV - Mini Series

Standard Surface Mount



Recessed Mount



Ceiling T-Grid Mount

