

PIERBORNE

EMERGENCY POWER VAULT



Project:

Type:



Expert Series 375W to 1150W

- ✓ **UL924 Listed**
- ✓ **120/277V - Field Selectable**
- ✓ **FlexDim Technology (0-10V)**

EM POWER VAULT EXPERT SERIES

Pierborne offers the EMPV Expert Series to back up any 120V or 277V device or fixture that needs to operate during a power failure. The Expert Series can provide 375W to 1,150W for 90 minutes, meeting UL924 requirements. Each unit is equipped with one (1) line voltage bypass, which can be upgraded to a four (4) line voltage bypass (the 4 Circuit Option).

OUTPUT BREAKERS

Choose one (1) or two (2) output breakers for the 375W & 600W models and one (1) to six (6) output breakers for the 750W, 950W & 1,150W units.

FLEXDIM TECHNOLOGY

The EMPV Expert Series is capable of bypassing a 0-10V dimmer and can be set to provide 25%, 50%, 75% or 100% of the fixture's output during emergency operations. This allows for more fixtures at a reduced output on one EMPV Expert unit. The FlexDim Option will bypass one (1) 0-10V dimmer and four (4) separate 0-10V dimmer bypasses. Each output can be adjusted to the desired level (25% to 100%).



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:

Type:

EMPV - Expert Series

ORDERING GUIDE

375W & 600W

EMPV-EXPERT

Watts/VA

375
600

System Options

- OCB1- One Output Breaker
- OCB2- Two Output Breakers
- ICB- Input Breaker
- FLEX4- FlexDim (4 Circuit Dimming)**
- 4C- 4 Output Circuit Switching**
- SDT- Self Diagnostics & Testing

750W-1150W

EMPV-EXPERT

Watts/VA

750
950
1150

System Options

- OCBX- One to Six Output Breakers
(X = 1 to 6 Output Breakers)
- ICB- Input Breaker (Not to exceed 6)
- FLEX4- FlexDim (4 Circuit Dimming)**
- 4C- 4 Output Circuit Switching**
- SDT- Self Diagnostics & Testing

**FlexDim & 4C Options are NOT available together

0-10V Dimming?

Pierborne can provide FlexDim, UL924 Bypass/Shunt Relays & UL1008 Transfer switches.

QTY.

UL924 Bypass/Shunt Relays - PBERSN

UL1008 & UL924 Automatic Transfer Switch - PBESR1008

MODEL #	CAPACITY FOR 90 MINS.		WEIGHT (lbs)	ONLINE SYSTEM EFFICIENCY (FULL LOAD)	NUMBER OF BATTERIES	BATTERY VOLTAGE (VDC)	BATTERY CURRENT	INPUT CURRENT		THERMAL OUTPUT (BTUs)		HOUSING DIMENSIONS		
	WATTS	VA						120VAC (Max)	277VAC (Max)	ON-LINE	EMERGENCY	L	H	D
EMPV-EXPERT-375	375	375	113	98%	5	60	7.3 amps	3.43	1.49	11	205	18"	16.625"	8.25"
EMPV-EXPERT-600	600	600	172	98%	8	96	7.1 amps	5.5	2.38	15	275	18"	25.25"	8.25"
EMPV-EXPERT-750	750	750	190	98%	8	48	18.2 ADC	7.53	3.26	14	416	22.4"	25.1"	9.2"
EMPV-EXPERT-950	950	950	222	98%	10	60	18.2 ADC	8.45	3.66	18	484	22.4"	25.1"	9.2"
EMPV-EXPERT-1150	1150	1150	254	98%	12	72	18.2 ADC	10.2	4.42	22	535	22.4"	25.1"	9.2"

PIERBORNE

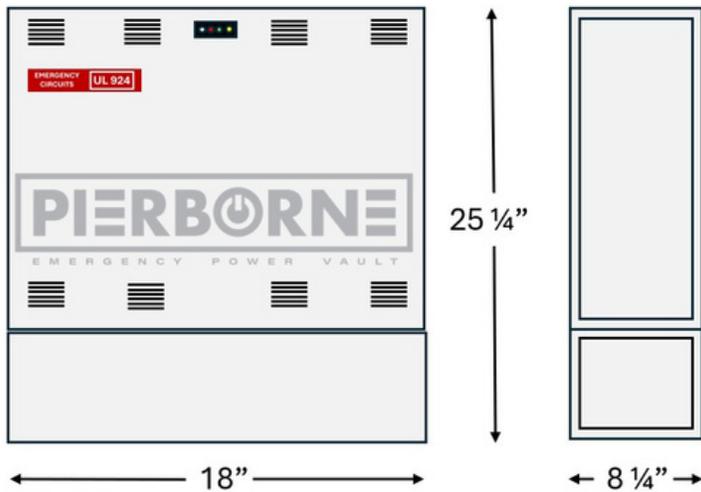
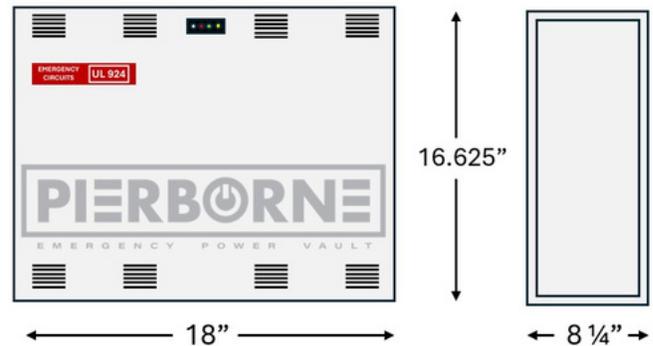
EMERGENCY POWER VAULT

Project:

Type:

EMPV - Expert Series

EMPV Expert 375W



EMPV Expert 600W



EMPV Expert 750W, 950W & 1150W

