

UL924 EMERGENCY POWER INVERTERS

Our UL924 Emergency Power devices, the **EMPS Series**, contain our Mini, Micro, and Midsize Power Inverters. These models feature output power ranging from 20W - 600 Watts, with a minimum of 90 minutes of backup power, and a 5 year limited warranty.



Micro Inverters

Mini Inverters

Midsize Inverters

FEATURES

- Universal 120-277 Vac, 60 Hz, Input/Output
- Made for powering incandescent, fluorescent, and LED fixtures
- True sinusoidal AC Pulse with Modulation – PWM
- LED system indicators
- UL924 Listed, NFPA 101 – Life Fire & Safety, NFPA 70 – NEC, OSHA, Plenum rated UL2043 meeting Chicago's CCEA requirements
- Mounting options: Surface, Recessed, or T-Grid

BENEFITS

- Lower installation costs by using existing lighting fixtures
- Lower maintenance cost with single power source for emergency illumination
- Efficiency rated, 98% at full rated load, line
- 5 year limited warranty
- One stop shop for both UL924 Inverters & Relays

UL924 EMERGENCY LIGHTING POWER INVERTER SELECTION GUIDE

90 MINUTE CAPACITY

| MODEL # | UL | SERIES | WATTS | VA | INPUT/OUTPUT | BATTERY TYPE | BATTERY VOLTAGE | SELF-TEST / SELF DIAG. | 4 OUTPUT CIRCUIT SWITCHING | TITLE 20 COMPLIANT | MOUNTING TYPE | LENGTH | WIDTH | HEIGHT |
|------------------|----|---------|-------|--------|--------------|--------------|-----------------|------------------------|----------------------------|--------------------|---------------|---------|--------|---------|
| EMPS20WR | • | Micro | 20 W | 20 VA | 120/277 Vac | Lead-Calc | 12 Vdc | | | | Recess | 16.25" | 3.125" | 8.875" |
| EMPS20WS | • | Micro | 20 W | 20 VA | 120/277 Vac | Lead-Calc | 12 Vdc | | | | Surface | 14.75" | 3.125" | 7.375" |
| EMPS20WT | • | Micro | 20 W | 20 VA | 120/277 Vac | NiCad | 12 Vdc | | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS32WR | • | Micro | 32 W | 32 VA | 120/277 Vac | NiCad | 12 Vdc | | | | Recess | 16.25" | 3.125" | 8.875" |
| EMPS32WS | • | Micro | 32 W | 32 VA | 120/277 Vac | NiCad | 12 Vdc | | | | Surface | 14.75" | 3.125" | 7.375" |
| EMPS32WT | • | Micro | 32 W | 32 VA | 120/277 Vac | NiCad | 12 Vdc | | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS35WR | • | Micro | 35 W | 35 VA | 120/277 Vac | NiCad | 12 Vdc | | | | Recess | 16.25" | 4.375" | 8.875" |
| EMPS35WS | • | Micro | 35 W | 35 VA | 120/277 Vac | NiCad | 12 Vdc | | | | Surface | 14.75" | 4.375" | 7.375" |
| EMPS35WT | • | Micro | 35 W | 35 VA | 120/277 Vac | NiCad | 12 Vdc | | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS55WR | • | Micro | 55 W | 55 VA | 120/277 Vac | Lead-Calc | 12 Vdc | | | | Recess | 16.25" | 4.375" | 8.875" |
| EMPS55WS | • | Micro | 55 W | 55 VA | 120/277 Vac | Lead-Calc | 12 Vdc | | | | Surface | 14.75" | 4.375" | 7.375" |
| EMPS55WT | • | Micro | 55 W | 55 VA | 120/277 Vac | Lead-Calc | 12 Vdc | | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS110125RSDDTC | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | • | Recess | 18.125" | 4.375" | 13.125" |
| EMPS110125SSDDTC | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | • | Surface | 16.75" | 4.375" | 11.75" |
| EMPS110125TSDDTC | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | • | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS110125RSDDT | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | | Recess | 18.125" | 4.375" | 13.125" |
| EMPS110125SS | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | | | | Surface | 16.75" | 4.375" | 11.75" |
| EMPS110125SSDDT | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | | Surface | 16.75" | 4.375" | 11.75" |
| EMPS110125T | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS110125TSDT | • | Mini | 110 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS110250SSDDTC | • | Mini | 110 W | 250 VA | 120/277 Vac | Lead-Calc | 48 Vdc | • | | • | Surface | 16.75" | 6.375" | 11.75" |
| EMPS110250SS | • | Mini | 110 W | 250 VA | 120/277 Vac | Lead-Calc | 48 Vdc | | | | Surface | 16.75" | 6.375" | 11.75" |
| EMPS110250SSDDT | • | Mini | 110 W | 250 VA | 120/277 Vac | Lead-Calc | 48 Vdc | • | | | Surface | 16.75" | 6.375" | 11.75" |
| EMPS220250SSDDTC | • | Mini | 220 W | 250 VA | 120/277 Vac | Lead-Calc | 48 Vdc | • | | • | Surface | 16.75" | 6.375" | 11.75" |
| EMPS220250SS | • | Mini | 220 W | 250 VA | 120/277 Vac | Lead-Calc | 48 Vdc | | | | Surface | 16.75" | 6.375" | 11.75" |
| EMPS220250SSDDT | • | Mini | 220 W | 250 VA | 120/277 Vac | Lead-Calc | 48 Vdc | • | | | Surface | 16.75" | 6.375" | 11.75" |
| EMPS55125RSDDTC | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | • | Recess | 18.125" | 4.375" | 13.125" |
| EMPS55125SSDDTC | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | • | Surface | 16.75" | 4.375" | 11.75" |
| EMPS55125TSDDTC | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | • | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS55125R | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | | | | Recess | 18.125" | 4.375" | 13.125" |
| EMPS55125RSDDT | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | | Recess | 18.125" | 4.375" | 13.125" |
| EMPS55125SS | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | | | | Surface | 16.75" | 4.375" | 11.75" |
| EMPS55125SSDDT | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | | Surface | 16.75" | 4.375" | 11.75" |
| EMPS55125T | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS55125TSDT | • | Mini | 55 W | 125 VA | 120/277 Vac | Lead-Calc | 24 Vdc | • | | | T-Grid | 23.875" | 6.188" | 8.563" |
| EMPS3754AOSDDT | • | Midsize | 375 W | 375 VA | 120/277 Vac | Lead-Calc | 60 Vdc | • | • | | Surface | 18" | 8.25" | 16.625" |
| EMPS3754CSDDT | • | Midsize | 375 W | 375 VA | 120/277 Vac | Lead-Calc | 60 Vdc | • | • | | Surface | 18" | 8.25" | 16.625" |
| EMPS375 | • | Midsize | 375 W | 375 VA | 120/277 Vac | Lead-Calc | 60 Vdc | | | | Surface | 18" | 8.25" | 16.625" |
| EMPS6004AOSDDT | • | Midsize | 600 W | 600 VA | 120/277 Vac | Lead-Calc | 96 Vdc | • | • | | Surface | 18" | 8.25" | 25.25" |
| EMPS6004CSDDT | • | Midsize | 600 W | 600 VA | 120/277 Vac | Lead-Calc | 96 Vdc | • | • | | Surface | 18" | 8.25" | 25.25" |
| EMPS600 | • | Midsize | 600 W | 600 VA | 120/277 Vac | Lead-Calc | 96 Vdc | | | | Surface | 18" | 8.25" | 25.25" |