

100%
LED
COMPATIBLE

STACO ENERGY[®] PRODUCTS CO.

FIRSTLINE[®] PL 924

Three-Phase Central Inverter for Emergency Lighting Applications

FirstLine[®] PL 924 Emergency Lighting System (ELS) delivers high performance, tailored to meet the demands of emergency lighting applications. With a cost-effective reliable design, the FirstLine[®] PL 924 helps to ensure personnel safety, during an outage condition.

The FirstLine[®] PL 924 offers more security and versatility to meet illumination requirements, and is the perfect complement for all lighting applications. Our inverter technology effectively maintains critical equipment with extended brownout protection, tight voltage regulation, and power conditioning. Tight voltage regulation assures that facility egress lumens are maintained 100% at emergency lighting fixtures, in all modes of operation, and also extends ballast, LED driver, and lamp life.

FirstLine[®] PL 924 features unparalleled quality and reliability, with constant conditioned power to virtually any lighting type. The Staco optional Power Distribution Unit (PDU) makes for a well coordinated circuit distribution system.

Compact & Reliable

- 10-40kVA provides for a smaller footprint
- Cooler operation extends internal component life

AC Input Performance

- High input power factor of 0.99
- Low input current distortion of <1 % (THDi) @ full load
- Soft Start Power walk-in function that ensures progressive rectifier start-up

IGBT and Digital Signal Processor (DSP)

- Reduces the impact of the UPS on the local supply
- Simplifies installation where there is limited power capacity

Dual Input

- Main power and secondary emergency standby power increase resilience of single or parallel system configuration

Adaptive Feed Cancellation

- Advanced control with AFC forward cancellation technology for low harmonic distortion.

Menu Select Display

- User friendly display is easy to see and intuitive to use

Parallel up to 4 Units

- Provides redundancy for mission critical applications with no additional hardware
- Parallel Kit, Communication through CANBUS Parallel Card

Installation Savings

- System arrives with batteries pre-mounted and wired saving additional labor cost



Full
Two Year
Warranty

www.stacoenergy.com

Your Tailored Power Solutions Provider[™]

FIRSTLINE® PL 924

Three-Phase Central Inverter for Emergency Lighting Applications

In the event of an AC power failure, FirstLine® PL 924 ELS automatically supports the connected lighting loads on battery power and will continue to provide power without any interruption for the applications that require backup time. When the utility power returns to normal, FirstLine® PL 924 ELS will automatically recharge the batteries to be ready for the next power disturbance.

Technical Specifications

General

- On-line double-conversion topology
- True sine wave output
- Continuous, no-break operation
- Three-phase system will support single or three-phase loads
- LCD front panel monitoring and control
- Automatic system bypass
- Circuit breaker protection integral with battery cabinet, molded-case type
- Available with standard UL924 listing with 90 Minute battery and listed for Auxiliary Lighting and Power Equipment

Input

- Input Voltage 208Y/120VAC and 480/277VAC, 4-wire and 3-wire Delta connection available with optional Transformer Cabinet
- Input Voltage Range: +15%/-20% from nominal
- Input frequency: 60Hz +/-5%
- Full load walk-in from 25% to 100% of rated load in <5 seconds
- Harmonic current distortion <1% at full load
- Surge Withstand: Meets IEEE C62.41

Output

- IGBT: true sine wave PWM inverter
- Inverter output distortion: <5% THD (100% non-linear)
- Inverter output distortion: <2% THD (linear loads)
- Voltage regulation: +/-2% of nominal at full load
- Frequency: 60/50 Hz

Battery

- Designed for easy maintenance
- Standard backup time of 90 minutes at full load
- Valve-Regulated Lead-Acid (VRLA) battery
- 10 year design life at 77°F (25°C)



Housing

- Freestanding, NEMA 1 steel enclosure
- Service access—Front and Left Side
- Bottom access for conduit entries

Environmental

- Agency Compliance: UL 924 listed as "Emergency Lighting Equipment" and "Auxiliary Lighting and Power Equipment". Complies with NFPA 101 Life Safety Code.
- Operating temperature range 18°F (-8°C) to 104°F (40°C)
- Acoustical Noise: 67 dbA Max. at 3 feet
- Relative Humidity: 0-95% non-condensing
- Seismic certified

Monitoring/Communications

- Front Panel LCD Display
 - 3.5" x 4.58"H character display
 - System status and alarms
- Communications Port
 - RS-232
 - Dry Contacts
 - Remote monitoring
 - SNMP and MOD-BUS standard

Applications

- Theaters / Concert Halls
- Auditoriums
- Worship Facilities
- Conference / Banquet Centers
- Shopping Malls
- Casinos
- Sports Facilities
- University Buildings
- Healthcare Facilities
- Correctional Facilities
- Subway / Train Stations
- Industrial Manufacturing
- Warehouses

In addition to meeting life safety requirements, the FirstLine® PL 924 Emergency Lighting System can also increase the life expectancy of the protected lighting system and reduce long-term cost of ownership.

What is an Emergency Lighting System?

The National Fire Protection Association (NFPA) has written Life Safety Code® (NFPA 101®) that defines the requirements for emergency lighting for means of egress. The standard requires that emergency illumination shall be provided for not less than 1½ hours (90 minutes) in the event of failure of normal lighting. The FirstLine® PL 924 Centralized Emergency Lighting inverter is UL 924 listed as “Emergency Lighting Equipment” and “Auxiliary Lighting and Power Equipment”, as well as NFPA compliant as “Life Safety Equipment”.

Central lighting inverter system provides for a single point for power connection, monitoring and management of emergency lighting; plus eliminates the high cost of maintenance and testing of each individual emergency light, while security and peace-of-mind is improved. Additionally, other critical loads can be protected such as data security and fire.

* Copies of summaries of these NFPA Codes are available upon request.

Staco FirstLine PL 924 ELS Technical Specifications

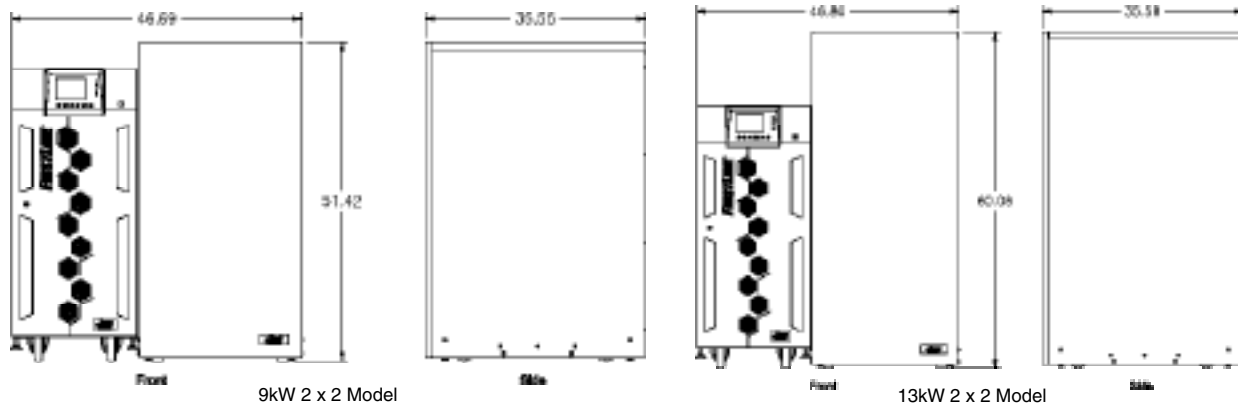
| UPS Rating kVA/kW | 10/9 | 15/13.5 | 20/18 | 30/27 | 40/36 |
|--|---|----------------------------|----------------------------|----------------------------|------------------------------|
| Input | | | | | |
| Topology | On-Line Double Conversion | | | | |
| Voltage | 208Y/120 VAC, Three Phase, 4 wire plus ground or 220Y/127 VAC configurable from the Front Panel | | | | |
| Range | +15% / -20% Battery Discharge @ -15% with full load | | | | |
| Frequency | 60/50Hz +/- 5.0 Hz | | | | |
| Power Factor | 0.99 at 100% load, 0.98 minimum at 50% load | | | | |
| Current Distortion (THD) | <1% @ 100% Load, <2% @ 50% Load, <5% @ 10% Load | | | | |
| Input Current (A) | Nominal: 28 Maximum: 33 | Nominal: 42 Maximum: 49 | Nominal: 55 Maximum: 65 | Nominal: 83 Maximum: 97 | Nominal: 111 Maximum: 130 |
| Input Current Inrush | Walk-In from 25% maximum to 100% full load rating in 5 seconds | | | | |
| Output | | | | | |
| Voltage | 208Y/120 VAC, Three Phase, 4 wire plus ground or 220Y/127 VAC configurable from the Front Panel | | | | |
| Static Voltage Regulation | +/- 2% | | | | |
| Voltage Transient Response | Voltage transient response shall not exceed the following, and shall recover to 95% within 10 milliseconds: a) < 5% RMS for 100% step load b) +/- 1% (loss or return of AC input) | | | | |
| Frequency (inverter synchronous) | 60/50Hz (tracks frequency of static bypass source) +/- 0.5, 1.0, 2.0, 5.0 Hz (user settable) | | | | |
| Frequency Slew Rate (inverter synchronized to static bypass) | ± 10 Hz per second | | | | |
| Free Running Frequency (on battery or asynchronous) | 60/50Hz +/- 0.01Hz | | | | |
| Voltage Distortion THD | Less than 1% (Linear load), less than 2% with crest factor | | | | |
| Inverter Overload | 125% for 10 minutes, 150% for 60 seconds | | | | |
| Bypass Overload | 400% for 10 seconds, 1000% for half line cycle | | | | |
| Bypass Input – Range Synchronization Voltage | +12% / -15% | | | | |
| Bypass Input Frequency Tracking Range | +/- 5Hz | | | | |
| Overall Efficiency | Up to 94% | | | | |
| Output Current (A) | 28 | 42 | 55 | 83 | 111 |
| Heat Rejection (BTU/Hr) | 3,412 | 5,118 | 6,824 | 10,237 | 13,649 |
| Battery Run Time (minutes) | | | | | |
| Required Battery Time | 90 Minutes @ Full Load | | | | |
| Environmental | | | | | |
| Altitude | De-rate load capability above 1000 meters, 1% per 100 meters | | | | |
| Operating Temperature | 40 °C Maximum | | | | |
| Audible Noise @ 3 feet "A" weighted scale | 61dBA | | | 67dBA | |
| Standard Communications | | | | | |
| SNMP/WEB | SNMP Card & UPS PowerView Pro Shutdown and Monitoring Software for Windows/Novell | | | | |
| Modbus | Monitoring & Control via RS-485/RTU Protocol/Read Holding and Write Registers | | | | |
| Options | | | | | |
| Input/Output | 480/480V (D or Y), 480V/208V (D or Y) with Transformer option | | | | |
| Standards | | | | | |
| 208V Model | UL 924 listed as “Emergency Lighting Equipment” and “Auxiliary Lighting and Power Equipment”. Complies with NFPA 101 Life Safety Code. | | | | |

FirstLine PL 924 ELS: 9kW, 13.5kW & 18kW Models

| Part Number | kW | Input/ Output | Description | Dimensions H x W x D (inches) | Wt. (lbs.) | # of Cabs. |
|------------------|------|----------------------|---|---|---------------|---------------|
| 208 X 208 | | | | | | |
| FLP-924-09 | 9 | 208Y/120 208Y/120 | 10kVA/9kW Electronics Module with (1) internal string of batteries and (1) external string in (1) Cabinet. | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 35.55 | 2,600 | 2 |
| FLP-924-09M | 9 | 208Y/120 208Y/120 | 10kVA/9kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) Wall Mount Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 35.55 Ext. Wall Mt. Bypass: 22.2 x 18.25 x 12.7 | 2,615 | 2 |
| 480 X 480 | | | | | | |
| FLP-924-09-44 | 9 | 480Y/277 480Y/277 | 10kVA/9kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 4 Transformer Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 35.55 Transformer: 43 x 27 x 34 | 2,900 | 3 |
| FLP-924-09-44M | 9 | 480Y/277 480Y/277 | 10kVA/9kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 4 Transformer Cabinet with Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 35.55 Transformer w/ Bypass: 43 x 27 x 34 | 2,915 | 3 |
| 480 X 208 | | | | | | |
| FLP-924-09-42 | 9 | 480Y/277 208Y/120 | 10kVA/9kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 2 Transformer Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 35.55 Transformer: 43 x 27 x 34 | 2,750 | 3 |
| FLP-924-09-42M | 9 | 480Y/277 208Y/120 | 10kVA/9kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 2 Transformer Cabinet with Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 35.55 Transformer w/ Bypass: 43 x 27 x 34 | 2,765 | 3 |
| 208 X 208 | | | | | | |
| FLP-924-13 | 13.5 | 208Y/120 208Y/120 | 15kVA/13.5kW Electronics Module with (1) internal string of batteries and (1) external string in (1) Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 60.16 x 26.3 x 35.58 | 2,850 | 2 |
| FLP-924-13M | 13.5 | 208Y/120 208Y/120 | 15kVA/13.5kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) Wall Mount Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 33.55 Ext. Wall Mt. Bypass: 22.2 x 18.25 x 12.7 | 2,865 | 2 |
| 480 X 480 | | | | | | |
| FLP-924-13-44 | 13.5 | 480Y/277 480Y/277 | 15kVA/13.5kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 4 Transformer Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 60.16 x 26.3 x 35.58 Transformer: 43 x 27 x 34 | 3,150 | 3 |
| FLP-924-13-44M | 13.5 | 480Y/277 480Y/277 | 15kVA/13.5kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 4 Transformer Cabinet with Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 33.55 Transformer w/ Bypass: 43 x 27 x 34 | 3,165 | 3 |
| 480 X 208 | | | | | | |
| FLP-924-13-42 | 13.5 | 480Y/277 208Y/120 | 15kVA/13.5kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 2 Transformer Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 60.16 x 26.3 x 35.58 Transformer: 43 x 27 x 34 | 3,300 | 3 |
| FLP-924-13-42M | 13.5 | 480Y/277 208Y/120 | 15kVA/13.5kW Electronics Module with (1) internal string of batteries, (1) external string in (1) Cabinet and (1) 4 x 2 Transformer Cabinet with Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 33.55 Transformer w/ Bypass: 43 x 27 x 34 | 3,315 | 3 |
| 208 X 208 | | | | | | |
| FLP-924-18 | 18 | 208Y/120 208Y/120 | 20kVA/18kW Electronics Module, no internal batteries, (2) external strings in (1) Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 71.58 x 37.75 x 37.86 | 4,050 | 2 |
| FLP-924-18M | 18 | 208Y/120 208Y/120 | 20kVA/18kW Electronics Module, no internal batteries, (2) external strings in (1) Cabinet and (1) Wall Mount Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 51.42 x 26.12 x 33.55 Ext. Wall Mt. Bypass: 22.2 x 18.25 x 12.7 | 4,065 | 2 |
| 480 X 480 | | | | | | |
| FLP-924-18-44 | 18 | 480Y/277 480Y/277 | 20kVA/18kW Electronics Module, no internal batteries, (2) external strings in (1) Cabinet and (1) 4 x 4 Transformer Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 71.58 x 37.75 x 37.86 Transformer: 43 x 27 x 34 | 4,400 | 3 |
| FLP-924-18-44M | 18 | 480Y/277 480Y/277 | 20kVA/18kW Electronics Module, no internal batteries, (2) external strings in (1) Cabinet and (1) 4 x 4 Transformer Cabinet with Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 71.58 x 37.75 x 37.86 Transformer w/ Bypass: 43 x 27 x 34 | 4,200 | 3 |
| 480 X 208 | | | | | | |
| FLP-924-18-42 | 18 | 480Y/277 208Y/120 | 20kVA/18kW Electronics Module, no internal batteries, (2) external strings in (1) cabinet and (1) 4 x 2 Transformer Cabinet | Electronics: 47.07 x 20.29 x 32.95 Battery: 71.58 x 37.75 x 37.86 Transformer: 43 x 27 x 34 | 4,400 | 3 |
| FLP-924-18-42M | 18 | 480Y/277 208Y/120 | 20kVA/18kW Electronics Module, no internal batteries, (2) external strings in (1) cabinet and (1) 4 x 2 Transformer Cabinet with Bypass | Electronics: 47.07 x 20.29 x 32.95 Battery: 71.58 x 37.75 x 37.86 Transformer: 43 x 27 x 34 | 4,200 | 3 |

3-Wire Delta Input available: Consult Factory.

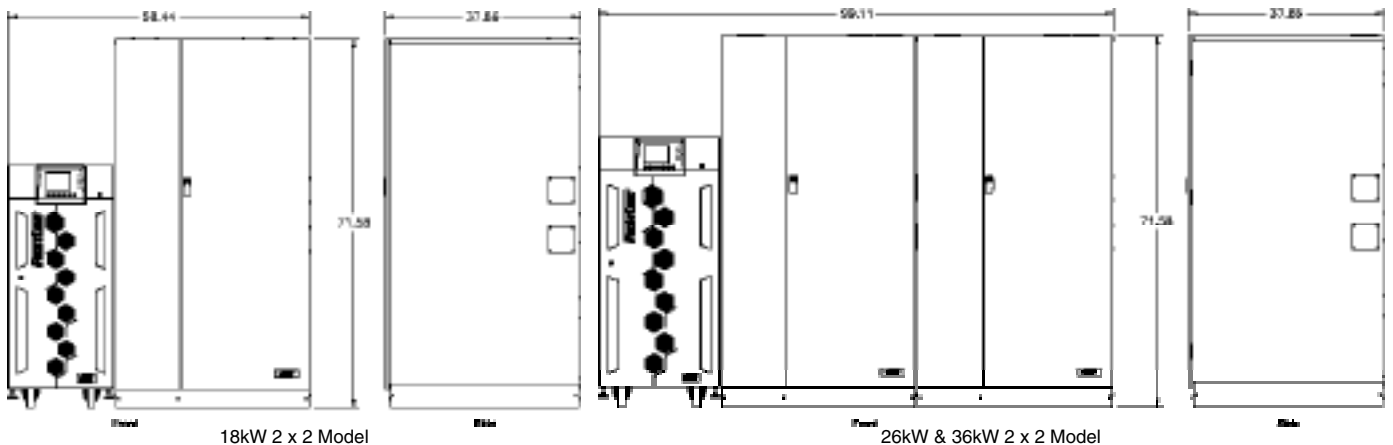
M = External Maintenance Bypass. Wall Mount on 09M Model, Transformer Cabinet with Bypass on 42M and 44M Models.



FirstLine PL 924 ELS: 27kW & 36kW Models

| Part Number | kW | Input/Output | Description | Dimensions H x W x D (inches) | Wt. (lbs.) | # of Cabs. |
|------------------|----|----------------------|--|--|---------------|---------------|
| 208 X 208 | | | | | | |
| FLP-924-27 | 27 | 208Y/120 208Y/120 | 30kVA/27kW Electronics Module, no internal batteries, (3) external strings in (2) Cabinets | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 | 6,120 | 3 |
| FLP-924-27M | 27 | 208Y/120 208Y/120 | 30kVA/27kW Electronics Module, no internal batteries, (3) external strings in (2) Cabinets and (1) Wall Mount Bypass | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Wall Mt. Bypass: 22.2 x 22.25 x 12.7 | 6,135 | 3 |
| 480 X 480 | | | | | | |
| FLP-924-27-44 | 27 | 480Y/277 480Y/277 | 30kVA/27kW Electronics Module, no internal batteries, (3) external strings in (2) Cabinets and (1) 4 x 4 Transformer Cabinet | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer: 51.4 x 27 x 34 | 6,520 | 4 |
| FLP-924-27-44M | 27 | 480Y/277 480Y/277 | 30kVA/27kW Electronics Module, no internal batteries, (3) external strings in (2) Cabinets and (1) 4 x 4 Transformer Cabinet with Bypass | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer: 51.4 x 27 x 34 | 6,536 | 4 |
| 480 X 208 | | | | | | |
| FLP-924-27-42 | 27 | 480Y/277 208Y/120 | 30kVA/27kW Electronics Module, no internal batteries, (3) external strings in (2) Cabinets and (1) 4 x 2 Transformer Cabinet | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer: 51.4 x 27 x 34 | 6,270 | 4 |
| FLP-924-27-42M | 27 | 480Y/277 208Y/120 | 30kVA/27kW Electronics Module, no internal batteries, (3) external strings in (2) Cabinets and (1) 4 x 2 Transformer Cabinet with Bypass | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer: 51.4 x 27 x 34 | 6,285 | 4 |
| 208 X 208 | | | | | | |
| FLP-924-36 | 36 | 208Y/120 208Y/120 | 40kVA/36kW Electronics Module, no internal batteries, (4) external strings in (2) Cabinets | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 | 7,850 | 3 |
| FLP-924-36M | 36 | 208Y/120 208Y/120 | 40kVA/36kW Electronics Module, no internal batteries, (4) external strings in (2) Cabinets and (1) Floor Mount Bypass | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Floor Mt. Bypass: 61.6 x 16 x 33.6 | 7,865 | 4 |
| 480 X 480 | | | | | | |
| FLP-924-36-44 | 36 | 480Y/277 480Y/277 | 40kVA/36kW Electronics Module, no internal batteries, (4) external strings in (2) Cabinets and (1) 4 x 4 Transformer Cabinet | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer: 51.4 x 27 x 34 | 8,250 | 4 |
| FLP-924-36-44M | 36 | 480Y/277 480Y/277 | 40kVA/36kW Electronics Module, no internal batteries, (4) external strings in (2) Cabinets and (1) 4 x 4 Transformer Cabinet with Bypass | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer w/ Bypass: 51.4 x 27 x 34 | 8,400 | 4 |
| 480 X 208 | | | | | | |
| FLP-924-36-42 | 36 | 480Y/277 208Y/120 | 40kVA/36kW Electronics Module, no internal batteries, (4) external strings in (2) Cabinets and (1) 4 x 2 Transformer Cabinet | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer: 51.4 x 27 x 34 | 8,050 | 4 |
| FLP-924-36-42M | 36 | 480Y/277 208Y/120 | 40kVA/36kW Electronics Module, no internal batteries, (4) external strings in (2) Cabinets and (1) 4 x 2 Transformer Cabinet with Bypass | Electronics: 52 x 23.15 x 32.95 Battery #1: 71.58 x 37.75 x 37.86 Battery #2: 71.58 x 37.75 x 37.86 Transformer w/ Bypass: 51.4 x 27 x 34 | 8,065 | 4 |

3-Wire Delta Input available: Consult Factory.
M = External Maintenance Bypass. Wall Mount on 09M Model, Transformer Cabinet with Bypass on 42M and 44M Models.



Two Year Warranty

Electronics:

A full **2 Year On-site Warranty** comes standard, and covers both parts and labor within the continental United States. Factory Authorized Start-up (included) is required for warranty coverage.

Battery:

Three (3) Year Full, Limited Warranty, on the Battery System ensures that your batteries are protected from system failure now and in the future. (Warranty provided by battery manufacturer.)

Extended warranties, customized service plans and preventative maintenance are also available. *Please refer to our warranty statement for complete details.*

Lighting Types Supported:

(Consult factory for specific application)

- Light Emitting Diode (LED) Lighting
- Incandescent
- Magnetic and electronic fluorescent ballasts
- High power factor compact fluorescent
- High Intensity Discharge (HID)
- High Pressure Sodium (HPS)
- Metal Halide (MH)

Central Inverter System Advantages:

- Single point operations for simplified testing and recordkeeping
- Simplified service for reduced cost of ownership
- Industry standard battery pack for easy maintenance

Staco Service Field Service Program

Staco specializes in providing choice and flexibility by developing tailored solutions for preventive and remedial maintenance services, as well as emergency repairs for all of our products. Staco Service is built upon a nationwide network of highly trained and motivated customer support engineers and technicians who can provide professional services and care throughout the life of your equipment.

- **Start-Ups**
- **Preventive Maintenance**
- **Spare Parts**
- **Battery Analysis/Refresh/Replacement**
- **On-Site Training**
- **Time & Material Services**
- **ServiStar: Providing security beyond our standard warranty**

Why Staco Energy Products?

Because we are your tailored power solutions provider!

Unique application design demands, harsh environment concerns, the need to meet non-standard physical space requirements—providing the “not so usual” is what we do best. From leading edge uninterruptible power supplies, power conditioners, power factor and harmonic correction equipment, to the world’s most stable voltage control systems, we have the technology you need to protect and manage your business, and the knowledge to make it work for you.

Since 1937, customers worldwide have relied on Staco Energy as their tailored solutions provider, to solve a wide range of electrical power problems. Headquartered in Dayton, Ohio, Staco Energy Products is a wholly owned subsidiary of Components Corporation of America, located in Dallas, Texas.



Your Tailored Power Solutions Provider™

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For more information about the FirstLine PL 924

www.stacoenergy.com