

## Features

Simplifies network additions

Highly flexible

Fully 802.3af compliant

# Premier® s-Series™ 12 Port Mid-Span PoE Power Supply



The Premier® s-Series™ Mid-Span PoE Power Supply injects power into the unused wire pairs 4/5 and 7/8 in Ethernet cables. It's fully compliant with a new IEEE standard (802.3af) specification, and uses automatic detection circuits that will only send power to devices that present authenticated PoE signatures.

The Premier s-Series PSE (power source equipment) provides 12 port pairs, offering power and data. Adding a network device is as simple as linking it to an ethernet switch via the lower data port, and connecting the end device via the corresponding data/power port in the top row.

This patch-panel like device deploys between an ordinary Ethernet LAN switch or shared media device and the terminals. Mid-Span can also be referred to as "Power Hub" or "Power Injector". Power is added to spared wires on a CAT5 cable while the data is passed without interruption.

It provides real-time network monitoring through the front panel, including bi-color LED per port indicating normal and overload or short circuit conditions. Additional LED indicators and a Reset button are included for the main power supply.

The P6012S conforms to industry standards and is FCC and UL/cUL approved.

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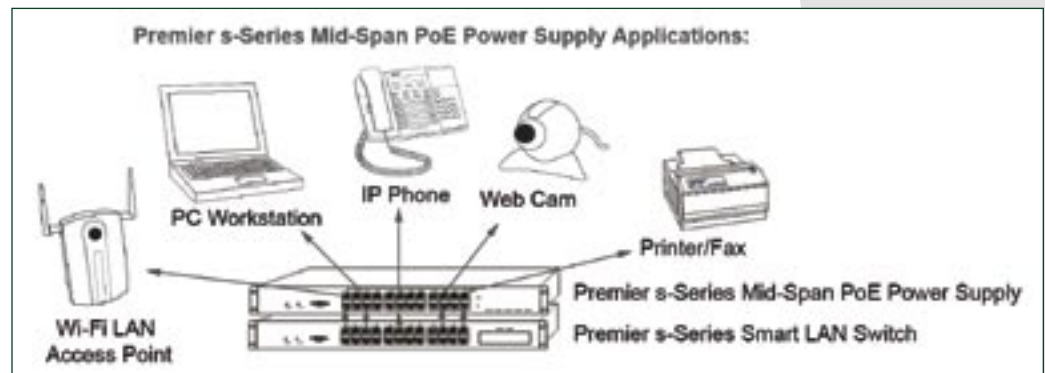
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## Features

- 12 10/100BaseTX data ports, and 12 data/power ports
- Plug and play with advanced auto-sensing algorithm for non-powered device protection
- Concise LED status indications on front panel for Real-time monitoring which indicates conditions
  - Normal
  - Overload
  - Short-Circuit
- On-front reset button for easy system restart
- Compliance compact size with 1U high, 19" mid-spans allow easy rack mounting in the wiring closet
- Fully support IEEE 802.3af standard compliance



## Technical Specifications

### Standards Compliance

IEEE 802.3af compliant PoE mid-span

### LED Panel Display

System Power LED: Green (normal)  
Per Port Power Status

### Number of Ports

12 10/100BaseTX data ports  
12 10/100BaseTX data/power ports,  
pin assignments 4/5 and 7/8  
1 RS232 Female DB-9 connector

### PoE Output

Powering for 2 pairs simultaneously  
Pin assignment and polarity: 4/5(+), 7/8 (-)  
Output voltage (Typ.) 48VDC  
Available total power 120W

### Data Rate

10/100 Mbps

### Power Requirements

AC input current 1.39Amp at 110VAC  
0.65Amp at 230VAC  
AC frequency 47/63 HZ

### Environment

Operating temperature: 0° to 40° C  
Storage temperature: -20° to 70° C  
Operating humidity: 5% to 95%,  
non-condensing  
Storage humidity: Maximum 95%,  
non-condensing

### EMI Certifications

FCC Part 15, Class A  
UL/cUL per EN 60950

### Dimensions

W x D x H : 17.32 X 7.28 X 1.77 in

### Weight

5.5 lbs

### Mounting

Standard EIA 19" rack mount

### Warranty

Standard 1 year

### Item No.

0000097914

### Part Number

P6012S

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