

For Life Safety and Security Applications

High Current Power Supplies

Technical Specifications

INPUT POWER

110/220V, 50-60 Hz, jumper selectable, ships 220V

OUTPUT POWER

24VDC, 10 Amps (also may be wired for 12VDC, 20A)

APPLICATION

Life Safety and other Control Systems

PROTECTION

Fused output
Circuit breaker on front of case for AC input side of supply
Circuit breakers (PTC) on Relay Outputs

INDICATOR

Light for AC Input

TERMINALS

Barrier Blocks

BATTERY

2 x 12V, 12 AH, lead acid AGM type

CASE DIMENSIONS

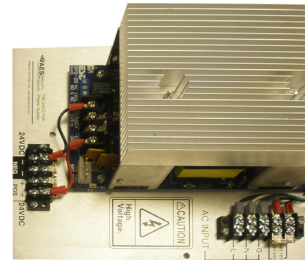
14 in x 14.25 in x 6 in
(36 cm x 37 cm x 15 cm)

SHIPPING WEIGHT

- 0741-24DC/10A
- 30 pounds (14 kilograms)
- 0742-24DC/10A
- 5 pounds (2 kilograms)



741
10A Power Supply
with Enclosure



742
10A Power Supply
Retrofit Kit

Features

- High current 24 VDC power for life safety and security applications
- 220VAC or 110VAC input, easily jumper selectable
- Ideal for locations prone to power fluctuation
- Battery charging circuit
- AC status output, Form C relay
- Auto resetting breaker for overcurrent and reverse polarity protection

Overview

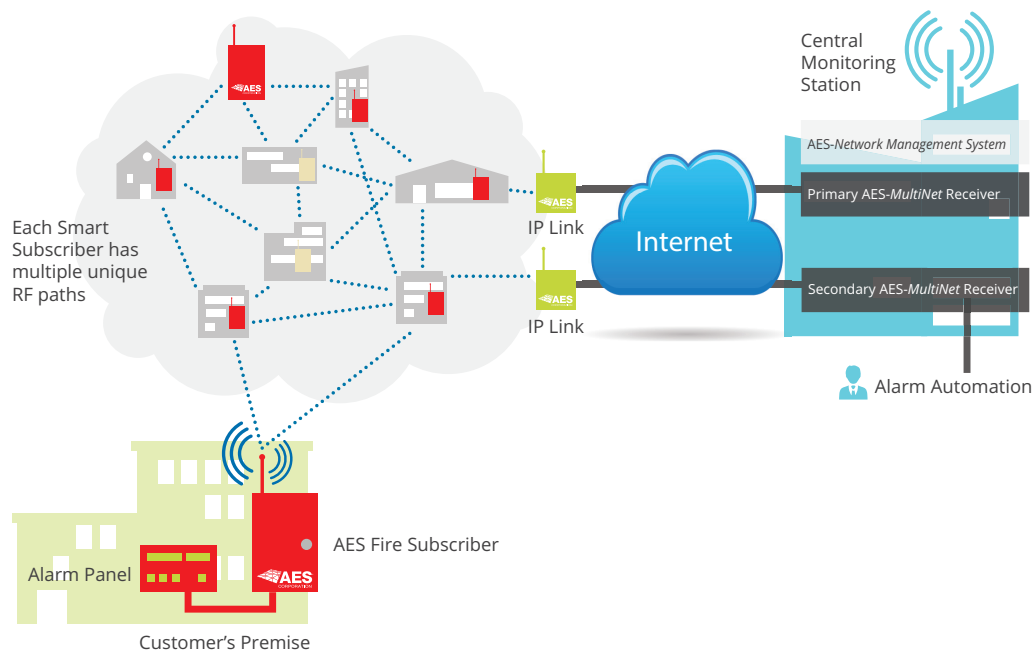
AES life safety and security power supplies are used in commercial, federal, and military applications across the globe. Proven in even the most challenging environments where other systems have failed, AES units are built to withstand extreme power fluctuations.

The AES model 741 and 742 power supplies are designed to provide high current power for demanding life safety and security systems worldwide, with regulated and filtered 24 Volts Direct Current (VDC) and 10 Amps for system power and an internal battery charger included for battery backup support. The AES 741 and 742 use a heavy duty switching power supply that is the ideal power solution in locations prone to a wide range of primary power fluctuations.

The AES 741 model is housed in a wall mount steel case enclosure with lock that can accommodate up to a 12 AH 24VDC battery pack. The AES 742 model is a retrofit kit designed to mount in existing PWR901 and PWR902 enclosures for easy field upgrade and replacements.

How to Order

- 0741-24VDC/10A** AES power supply, 10A, 110-240V Input, 24VDC Output, wall mount enclosure, steel case with lock, uses (2) BAT148 (not included)
- 0742-24VDC/10A** AES power supply conversion kit, 10A, 110-240V Input, 24VDC Output, no enclosure, mounting plate and hardware included for retrofit of existing units in the field, ready to update/repair PS-Series power supplies



About AES Corporation

AES Corporation is the leading manufacturer of code compliant wireless alarm communication products and solutions serving commercial security markets and government agencies worldwide. **AES-IntelliNet®** patented technology will never sunset compared to obsoleting technologies such as cellular and traditional phone lines. AES private mesh radio networks are owner operated and controlled, providing infinite scalability and superior reliability with the fastest transmission speed available. Over a half million AES Smart Subscribers are installed worldwide. AES is the clear choice for life safety and security, protecting people and property for over 40 years.



For more information, go to www.aes-corp.com or call
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