



KEY FEATURES

- 9 Total Outlets
- 8 Rear Panel Switched Outlets
- 1 Front Panel Unswitched Convenience Outlet
- RFI Noise Filtering to Reduce Radio Frequency Interference
- EMI to Reduce Electromagnetic Interference
- Circuit Breaker Protection @ 15A
- Front Mounted Pull-out LED Light with 2-Position Dimmer
- Rear Mounted XLR Connector for 12VDC LED Lamp (AP-GNL18) (Lamp Sold Separately)
- Spike Suppression up to 6000V
- AC Fault Indicator

APPLICATIONS

The ETA-S15L was designed to be flexible with features that allow it to be used in a variety of applications. The ETA-S15L can be used solely for protection against voltage surges or for AC distribution. If fuzzy video or frequent static pops occur, the AC power conditioning may eliminate or reduce those inconveniences. The following are just a few examples of applications where the ETA-S15L can be used:

- Restaurants
- Houses of Worship
- Schools
- Home Theaters
- Office Buildings
- Sports Bars

GENERAL DESCRIPTION

The ETA-S15L has been designed to meet most installation requirements for AC power distribution and equipment power protection. To light your rack, the ETA-S15L has incorporated a front panel pull-out dimmable LED tube light. The rear of the rack can be illuminated by the optional Atlas Power 16" gooseneck LED lamp (AP-GNL18) connected via an XLR style socket. LED lamps are far superior in longevity along with heat reduction when compared to traditional incandescent lamps and the XLR base mounts offer a better connection point over commonly used BNC type bases.

The ETA-S15L features noise filtering for unwanted Radio Frequency Interference (RFI) that is commonly introduced into AC lines by nearby radio transmitters or wireless products. EMI filters are incorporated to reduce noise from Electromagnetic Interference (EMI) from such items as electric motors and switching power supplies. The benefit of these filters can be seen on video products or audibly by reducing static pops and external signal interference.

Unstable AC Mains voltage is one of the main reasons for equipment failure. The amount of energy that can be injected into the power system can be immense with voltages reaching 6kV or amperage peaks of 3000A. These spikes are very fast and usually only last for a very short period of time. The ETA-S15L's circuitry is very fast and can suppress unwanted energy within a nanosecond response and sustain the suppression up to 2 milliseconds, thus ensuring virtually trouble-free protection. If damage to the suppression circuitry occurs the AC fault LED will illuminate.

The ETA-S15L offers power management control, noise filtering, and spike/surge protection, making it the most compact, effective power management protection system on the market today.

ARCHITECT & ENGINEER SPECIFICATIONS

Power conditioner shall be ETA Systems model ETA-S15L. Power conditioner shall have 9 total outlets, 8 rear panel, switched outlets and 1 front panel, unswitched outlet. Power conditioner shall include Radio Frequency and Electromagnetic filtering to reduce noise in AC lines. Power conditioner shall include a front mounted pull out, dimmable LED light and the rear shall have an XLR connection for use with a 12VDC LED lamp. Power conditioner shall have circuit breaker protection at 15A and shall include an AC fault indicator. Finish shall be textured black epoxy and dimensions shall be 19"W x 5"D x 1.75"H (482.6mm x 127mm x 44.5mm) to mount into 1RU of space.

SPECIFICATIONS

Type	Power Conditioner & Suppressor
Load Rating	15A
Safety Listing	ETL (UL 60065 Standard)

Front Panel

AC Outlets	1 Unswitched
Lights	1 Pull Out LED with Dimmer Switch
Activation Switch	Rocker
Circuit Breaker	15A Resettable
Indicators	AC Power On, AC Fault

Rear Panel

AC Outlets	8 Total
LED Light Socket	XLR Socket to Provide 12VDC for Optional AL-GNL18 Gooseneck Lamp
LED Light Switch	Two Position (On / Off)
AC Mains Power Cord	9' (3 Meters) 14-gauge

Technical Data

Current Rating	15 amps
Power Consumption	8 watts
Operating Voltage	102 - 132VAC
Min. Spike Clamping Voltage	460 VRMS @ 3,000A
Max. Spike Clamping Voltage	6kV
Max. Spike Clamping Resp. Time	1 nanosecond
Spike Clamping Voltage @ 100A	1250Vp for 20µs
Maximum Surge Current	6,500A
Energy Rating @ 2ms	600 Joules

Noise Attenuation EMI/RFI	10dB @ 10 kHz, 40dB @ 100 kHz, 100dB @ 10 MHz
Temperature Range	5° to 35° C
Humidity Range	5% to 95% R.H.

Mechanical

Chassis Finish	Black
Mounting	Rack Mount, 19", 1 RU
Dimensions	Height 1.75" (44.45mm) Width 19" (482.6mm) Depth 5" (127mm)
Weight	5.5 lbs (2.49kg)