



KEY FEATURES

- 10 Total Outlets
- 8 Rear Panel Outlets:
 - 6 Filtered and Switched
 - 1 Filtered
 - 1 Unswitched
- 2 Front Panel, Unswitched Outlets
- EMI & RFI Filtering
- Dual Clamping Spike & Surge Suppression, DCS Circuitry
- Front Panel Digital AC Mains Voltmeter
- Abnormal AC Line Voltage Indicator
- Extreme Voltage Shutdown (EVS) Below 101V or Above 132V AC Line
- Circuit Breaker Protection @ 15A
- Front Mounted Pull-out LED Light With 2-Position Dimmer
- Rear Mounted XLR Connector for 12VDC LED Lamp (AP-GNL18)

APPLICATIONS

The ETA-C15D was designed to be flexible with features that allow it to be used in a variety of applications. The ETA-C15D can be used solely for protection against voltage surges or for AC Mains Voltage Monitoring. If fuzzy video or frequent static pops occur, the AC power conditioning will eliminate or reduce those inconveniences. The following are just a few examples of applications in which the ETA-C15D can be used:

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

GENERAL DESCRIPTION

The ETA-C15D is been designed to meet most installation requirements for AC power distribution and equipment power protection. The 15A, compact 1RU unit allows for AC Mains Voltage monitoring via the front panel from the precision Digital Volt Meter. To light your rack, the ETA-C15D has incorporated a front panel pull-out dimmable LED tube light. The rear of the rack can be illuminated by the optional 16" gooseneck LED lamp connected via an XLR style socket (AP-GNL18).

The ETA-C15D features noise filtering for eliminating unwanted Radio Frequency Interference (RFI) that can be introduced into the AC lines by nearby radio transmitters or wireless products. EMI filters are also incorporated to reduce noise from Electromagnetic Interference (EMI) generated by items such as electric motors and switching power supplies.

The Abnormal Voltage indicator on the front panel will flash if the AC Mains is between 101VAC and 107VAC or 128VAC and 132VAC. This is to inform you that a surge occurred and may have damaged voltage sensitive equipment. If an extreme voltage swing occurs above 132VAC or below 101VAC, the ETA-C15D Extreme Voltage Shutdown (EVS) protection circuit will automatically activate and turn all outlets OFF until it is manually reset. The ETA-C15D offers intelligent power management control, along with 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-C15D. Power conditioner shall have 10 total outlets, 8 rear panel outlets (6 filtered and switched, 1 filtered, and 1 unswitched) and 2 front panel, unswitched outlets. Power conditioner shall include a front panel Digital Volt Meter for monitoring AC mains voltage. 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 be able to automatically shut down outlets during Extreme Voltage events when the voltage is above 132VAC or below 101VAC. Finish shall be textured black epoxy and dimensions shall be 19"W x 8.5"D x 1.75"H (482.6mm x 219.5mm 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	2 Unswitched
Lights	1 Pull Out LED with Dimmer Switch
Activation Switch	Rocker
Circuit Breaker	15A Resettable
AC Mains Voltmeter	Thre Digits, Digital
Indicators	AC Power On, Abnormal Voltage, AC Fault, Breaker Open, Wiring Fault

Rear Panel

AC Outlets	8 Total, 6 Filtered, 1 High Power Non-Filtered, 1 Unswitched
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	12 watts
Operating Voltage	102 - 132VAC
High Voltage Surge Protection	Trigger at 133VAC, 1ms typically
Low Voltage Surge Protection	Trigger at 101VAC, 1ms typically
Voltmeter Accuracy	±1.5VAC

Spike Protection Modes	DCS (Dual Clamping Suppression) Circuitry on Incoming AC Mains and Each Section Output
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	2000 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 8.5" (548.64mm)
Weight	7.6 lbs (3.45kg)

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