AP-S15HR

AC Power Conditioner & Distribution Unit

Unswitched Outlet

Atlas Power

AP-S15HR

15A AC Power Conditioner & Distribution Unit

120V 60Hz 12A 1440W

AC Ground Fault

Service Required

Outlets Active

Push To Reset

Fault: Inspect AC Mains when Ground LED is illuminated

15A Circuit Breaker

AC 120V 60Hz

15A 1800W Max

Switched Outlets

Unswitched

120V 60Hz 12A 1440W

Features

- Half Width Rack Design 8.9" Wide with Removable Rack Ears
- Circuit Breaker Protection @ 15A
- 6 Total Outlets
    - 4 Rear Panel Switched Outlets
    - 1 Rear Panel Unswitched Outlet
    - 1 Front Panel Unswitched Convenience Outlet
- Removable IEC Power Cord with a Retainer Bracket
- RFI Noise Filtering to Reduce Radio Frequency Interference
- Earth Ground Fault Connection Indicator
- Power Switch Cover

Application

The flexible AP-S15HR was designed with features to be used in a variety of applications. The AP-S15HR can be used for protection against voltage surges and for AC distribution. The AP-S15HR can also be used for power conditioning to eliminate or reduce fuzzy video or audible static pops. The following are just a few examples of applications where the AP-S15HR can be used:

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

General Description

The AP-S15HR has been designed to fit into Atlas half width rack equipment racks. The AP-S15HR meets or exceeds most installation requirements for AC power distribution and equipment power protection. The AP-S15HR Half Rack design offers power management control, scalable power cord length, noise filtering, spike/surge protection and six AC outlets making it the most compact, cost effective power management protection system on the market today.

The AP-S15HR features noise filtering for unwanted Radio Frequency Interference (RFI) that is commonly introduced into AC lines by nearby radio transmitters or wireless products. The benefit of the RF Filter can be seen on video products and heard audibly by reduced static pops and external signal interference. The AP-S15HR is unique by allowing you to select the power cord length that is required for the installation. A removable 12' IEC power cord with a retainer bracket is supplied with the unit.

The AP-S15HR is designed to be mounted in a half width rack design but can also be rack mounted into 19" equipment racks by using the optional PA702-RMK kit. This kit allows you mount an AP-S15HR by itself or in conjunction with another Atlas half width rack product such as the DPA-102PM, PA40G/PA60G, or MA40G/MA60G in a 19" 1RU space.

Atlas Sound

Specifications

Type Power Conditioner & Suppressor

Load Rating	15A / 12A
Safety Listings	UL 60950 Standard

Front Panel

Outlets	1 Unswitched
Activation Switch	Rocker with Security Cover
Circuit Breaker	15A Resettable
Indicators	AC Power On, Outlets Active, AC Ground Fault

Rear Panel

AC Outlets	5 Outlets Total, 1 Unswitched & 4 Switched
AC Mains IEC Power Socket	15A 1800W

Technical Data

Max AC Mains Current	15A AC Mains Breaker
Operating Voltage	102VAC - 132VAC
Power Consumption	8 Watts
Noise Attenuation RFI	10dB @ 10kHz / 40dB @ 100kHz / 100dB @ 10MHz
Min. Spike Clamping Voltage	460VRMS @ 3,000A
Max. Spike Clamping Voltage	6000V
Max. Spike Clamping Resp. Time	1 nanosecond
Spike Clamping Voltage @ 100A	1250Vp for 20µs
Maximum Surge Current	6,500A
Energy Rating @ 2ms	600 Joules
Temperature Range	5° – 35°C
Humidity Range	5% to 95% Relative Humidity

Mechanical

Chassis Finish	Black
Mounting	Half Rack Mount, 1 RU, Optional 19" Rack Kit Available
Height	1.75" (1RU, 44.5mm)
Width	8.9" (226.1mm) Body with Rack Ears 10.5" (266.7mm)
Depth	8" (203mm)
Weight	5.5 lbs (2.49kg)

Architect and Engineer Specifications

Power conditioner shall be Atlas Sound model AP-S15HR. Power conditioner shall have 6 total outlets: 5 rear panel outlets (4 switched and 1 unswitched) and 1 front panel, unswitched outlet. Power conditioner shall include Radio Frequency Interference (RFI) filtering to reduce noise in AC lines. Power conditioner shall have circuit breaker protection at 15A. Front panel shall include AC Ground Fault, Service Required, and Outlets Active LED indicators and protective cover over power switch. Finish shall be textured black epoxy and dimensions shall be 8.5"W x 8"D x 1.75"H (215.9mm x 203mm x 44.5mm) to mount into 1RU of space.