



# AP-S20

## 20A Power Conditioner and Distribution Unit



AP-S20 Front



AP-S20 Back

### Features

- 9 Total Outlets
- 8 Rear Panel Outlets:
  - 7 Switched
  - 1 Unswitched
- 1 Front Panel Outlet, Unswitched
- Radio Frequency and Electromagnetic Interference Filtering
- Circuit Breaker Protection @ 20A
- Spike Suppression Up to 6000V

### General Description

The AP-S20 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 also incorporated to reduce noise from Electromagnetic Interference (EMI) generated by items such as electric motors and switching power supplies.

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 AP-S20's circuitry is very fast and can suppress unwanted energy within a nanosecond response and sustain the suppression up to 2 milliseconds.

### Specifications

Current Rating	20 Amps
Operating Voltage	102-132VAC
Minimum Spike Clamping Voltage	460VRMS @ 3000A
Maximum Spike Clamping Voltage	6000V
Height	1.75" (44.5mm)
Width	19" (482.6mm)
Depth	3.75" (95.5mm)
Weight	5 lbs. (2.27 kg)
Certifications	MET (UL 1449)

### Architect and Engineer Specifications

Power conditioner shall be Atlas Sound model AP-S20. Power conditioner shall have 9 total outlets, 8 rear panel outlets (7 switched and 1 unswitched) and 1 front panel, unswitched outlet. Power conditioner shall include Radio Frequency and Electromagnetic filtering to reduce noise in AC lines. Power conditioner shall have circuit breaker protection at 20A. Finish shall be textured black epoxy and dimensions shall be 19"W x 3.75"D x 1.75"H (482.6mm x 95.5mm x 44.5mm) to mount into 1RU of space.

©2011 Atlas Sound L.P. All rights reserved. Atlas Sound and Strategy Series are trademarks of Atlas Sound L.P. All other trademarks are the property of their respective owners. AT-S004863 RevA 4/14