

## 550VA Audio/Video Backup Power Block - Exclusive UPS Protection for Structured Wiring Enclosure

MODEL NUMBER: **AV550SC**



### Description

The AV550SC Backup Power Block provides the highest level of protection for structured cabling installations (ie. telephone, Internet and coax connections). With reliable battery backup, surge protection and EMI/RFI line noise filtering, the AV550SC provides a complete protection solution for audio/video distribution systems by supporting modems, routers, RF amplifiers, network interfaces, cameras, modulators and other equipment through all power problems. In the event of a power failure, the AV550SC includes an auto-restart feature that eliminates the need to perform an on-site restart. In addition, when a modem or router freeze-up occurs, the AV550SC features a recycle/reset button with sequential outlet startup for proper modem and router rebooting.

### Features

- 3 widely-spaced AC outlets (2 Auxiliary, 1 Modem)power, reset or start up connected equipment during a blackout or system freeze-up (provide battery backup, surge protection and EMI/RFI filtering) - 4 outlets total
- 60-second delay-on AC outlet (router) powers and resets the router during a blackout or system freeze-up and delays router start-up for proper system rebooting (provides battery backup, surge protection and EMI/RFI filtering)
- 12V DC (1-Amp) output connector provides an additional output power source for 12V DC devices as well as battery backup protection for 4 devices
- Recycle/reset button resets connected equipment during system freeze-ups with sequential outlet startup
- HD-compatible 2.2GHz coax jacks protect connected coax lines against surge damage and filter disruptive EMI/RFI line noise.
- Tel/modem/DSL jacks protect connected telephone, modem or DSL lines against surge damage and filter disruptive EMI/RFI line noise
- IEC power input connector accepts included 6-inch power cord
- Diagnostic/Overload LEDs: Alert users to potential power problems before they affect connected equipment.
- Resettable circuit breaker prevents dangerous system overloads
- Auto-restart capability eliminates the need to perform an on-site restart
- 550VA/300 watts standby UPS system
- Convenient installation designed to fit in the bottom left corner of structured wiring enclosures without the need for mounting screws or brackets
- Mounting screw holes are included on the back of the unit for convenient board, wall or ceiling mounting (for projectors)
- Customizable labels for easier cord/cable identification and maintenance

### Highlights

- 4 AC outlets (including 1 delay-on outlet for router)
- Automatic recycle/reset button
- Auto-restart capability
- Regulated 12V DC output for 4 devices
- Complete surge/spike protection
- HD-compatible 2.2GHz coaxial and telephone/modem/DSL line surge protection; 550VA of battery backup

### Package Includes

- AV550SC backup power block
- Detachable 6 in. C-14 power cord
- Owner's manual with warranty information



## Specifications

OUTPUT	
Output Volt Amp Capacity (VA)	550
Output Watt Capacity (Watts)	300
Nominal Output Voltage(s) Supported	115V; 120V
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	115V (+/- 5%)
Output Receptacles	(4) 5-15R
Output Receptacle Details	One receptacle has a 60 second power-up delay
Output AC Waveform (AC Mode)	Sine wave
Output AC Waveform (Battery Mode)	PWM sine wave
INPUT	
Rated input current (Maximum Load)	10A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P; C14 inlet
UPS Input Connection Description	5-15P input cable is detachable via C14 inlet on UPS
Input Circuit Breakers	10A
UPS Input Cord Length (ft.)	0.5
UPS Input Cord Length (m)	0.2
Recommended Electrical Service	15A 120V
Input Phase	Single-Phase
BATTERY	
Full Load Runtime (min.)	3 min. (300w)
Half Load Runtime (min.)	10 min. (150w)
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	Less than 9 hours from 10% to 90%
USER INTERFACE, ALERTS & CONTROLS	
Switches	Includes 1 on/off push button (also acts as recycle/reset button)
LED Indicators	2 LEDs indicate power status and overload/low battery status
SURGE / NOISE SUPPRESSION	



UPS AC Suppression Joule Rating	1038
UPS AC Suppression Response Time	Instantaneous
UPS Dataline Suppression	1 line TEL/DSL (1 in / 1 out); Coax jacks (1 set)
UPS Dataline Suppression Details	HD-compatible 2.2GHz coaxial protection
EMI / RFI AC Noise Suppression	Yes
<b>PHYSICAL</b>	
Primary Form Factor	Tower
UPS Power Module Dimensions (hwd, in.)	8.4 x 6.8 x 3
UPS Power Module Dimensions (hwd, cm)	21.2 x 17.2 x 7.5
UPS Power Module Weight (lbs.)	7.8
UPS Power Module Weight (kg)	3.5
UPS Shipping Dimensions (hwd / in.)	4.5 x 8.4 x 9.9
UPS Shipping Dimensions (hwd / cm)	11.5 x 21.2 x 25.2
Shipping Weight (lbs.)	8.4
Shipping Weight (kg)	3.8
UPS Housing Material	Sheet metal
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	31.5
Battery Mode BTU / Hr. (Full Load)	223.9
AC Mode Efficiency Rating (100% Load)	97%
<b>COMMUNICATIONS</b>	
Communications Interface	None
<b>LINE / BATTERY TRANSFER</b>	
Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	99V (adjustable to 83V via potentiometer)
High Voltage Transfer to Battery Power (Setpoint)	yes



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<b>SPECIAL FEATURES</b>	
Green Energy-Saving Features	High efficiency economy mode operation; Greater than 95% efficiency - GREEN UPS
<b>CERTIFICATIONS</b>	
UPS Certifications	Tested to UL1778 (USA); Tested to CSA (Canada); Tested to NOM (Mexico); Meets FCC Part 15 Category B (EMI); Meets FCC Part 68 / Industrie Canada (telecommunications); ROHS (Restriction of Hazardous Substances)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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