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
- Convenient installation designed to fit in the bottom left corner of structured wiring enclosures without the need for mounting screws or brackets
- 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
- 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 indentification 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 suppression
- Convenient installation fits structured wiring enclosures without using mounting screws or brackets
- HD-compatible 2.2GHz coaxial and telephone/modem/DSL line surge protection; 550VA UPS capacity

Package Includes

- AV550SC backup power block
- Detachable 6 in. NEMA 5-15P 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	110V; 115V; 120V
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	+/- 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 Cord Length (ft.)	0.5
Input Cord Length (m)	0.15
Input Phase	Single-Phase
Right-Angle Plug	No

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%

Expandable Runtime	No

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 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
AC Suppression Joule Rating	1038

DATALINE SURGE SUPPRESSION	
Telephone/DSL Protection	Yes
Cable (Coax) Protection	Yes
Network (Ethernet) Protection	No

PHYSICAL	
Primary Form Factor	Desktop
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)	3.54
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
Primary UPS Height (mm)	213
Primary UPS Width (mm)	173
Primary UPS Depth (mm)	76
Shipping Height (mm)	114
Shipping Width (mm)	213
Shipping Depth (mm)	251

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ENVIRONMENTAL	
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
Battery Mode BTU / Hr. (Full Load)	225
AC Mode Efficiency Rating (100% Load)	97%

COMMUNICATIONS	
Communications Interface	None

LINE / BATTERY TRANSFER	
Transfer Time	4 milliseconds
Low Voltage Transfer to Battery Power (Setpoint)	99V
High Voltage Transfer to Battery Power (Setpoint)	139V

SPECIAL FEATURES	
Green Energy-Saving Features	High efficiency economy mode operation; Greater than 95% efficiency - GREEN UPS

CERTIFICATIONS	
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)

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty