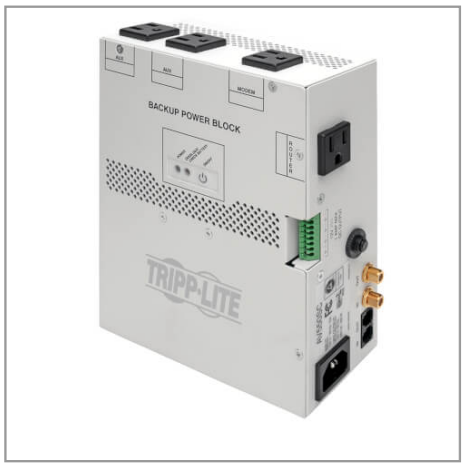
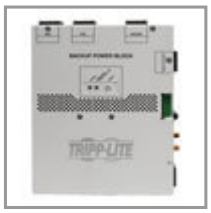
550VA Audio/Video Backup Power Block - Exclusive UPS Protection for Structured Wiring Enclosure

MODEL NUMBER: **AV550SC**











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

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

Specifications

OVERVIEW	
UPC Code	037332138699
UPS Type	Standby
INPUT	
Input Phase	Single-Phase
Rated input current (Maximum Load)	10A
Nominal Input Voltage(s) Supported	120V AC
UPS Input Connection Type	5-15P
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
Right-Angle Plug	No
OUTPUT	
Output Capacity (VA)	550
Output Capacity (kVA)	0.55
Output Capacity (Watts)	300
Output Capacity (kW)	0.3
Output Capacity Details	4.6A @ 120V
Nominal Voltage Details	115v nominal output in battery mode
Frequency Compatibility	60 Hz
Output Voltage Regulation (Battery Mode)	+/- 5%
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
Nominal Output Voltage(s) Supported	110V; 115V; 120V

Output Receptacles	(4) 5-15R
Individually Controllable Load Banks	No
BATTERY	
Battery Type	Valve Regulated Lead Acid (VRLA)
Runtime Full Load (min.)	3.1 min. (300W)
Runtime Half Load (min.)	9.7 min. (150W)
Expandable Runtime	No
DC System Voltage (VDC)	12
Battery Recharge Rate (Included Batteries)	1.5A Maximum; Less than 3 hours from 10% to 90%
VOLTAGE REGULATION	
Voltage Regulation Description	Input voltage range of 99 to 139
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 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	
Cable (Coax) Protection	Yes
Network (Ethernet) Protection	No
Telephone/DSL Protection	Yes
PHYSICAL	
Primary Form Factor	Desktop
Installation Form Factors Supported with Included Accessories	Wallmount
Primary UPS Depth (mm)	76
Primary UPS Height (mm)	211
Primary UPS Width (mm)	173
Shipping Dimensions (hwd / in.)	4.60 x 8.50 x 10.00

Shipping Dimensions (hwd / cm)	11.68 x 21.59 x 25.40
Shipping Weight (lbs.)	9.42
Shipping Weight (kg)	4.27
UPS Housing Material	Sheet metal
UPS Power Module Dimensions (hwd, cm)	21.08 x 17.27 x 7.62
UPS Power Module Dimensions (hwd, in.)	8.3 x 6.8 x 3.0
UPS Power Module Weight (kg)	3.54
UPS Power Module Weight (lbs.)	7.8
Unit Dimensions (hwd / in.)	8.350 x 6.780 x 2.970
Unit Weight (lbs.)	7.800
Unit Weight (kg)	3.54
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0 to 95%, non-condensing
AC Mode BTU / Hr. (Full Load)	31
AC Mode Efficiency Rating (100% Load)	97%
Operating Elevation	0-6562 ft. (0-2000 m)
COMMUNICATIONS	
Network Management Card Description	Network management not supported
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
FEATURES & SPECIFICATIONS	
High Availability UPS Features	Surge/noise protection
Green Energy-Saving Features	High efficiency economy mode operation; Greater than 95% efficiency - GREEN UPS
APPLICATIONS	
UPS Applications	Computer/Peripherals; Retail/Point of Sale; Hospitality

STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); CAN/CSA-C22.2 No. 107.3 (Canada); NOM (Mexico); UL 1778
Product Compliance	FCC Part 68; RoHS; FCC Part 15 Class B (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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