Manuals+ — User Manuals Simplified.

smartbitt 1350VA Automatic Voltage Regulator User Manual

Contents

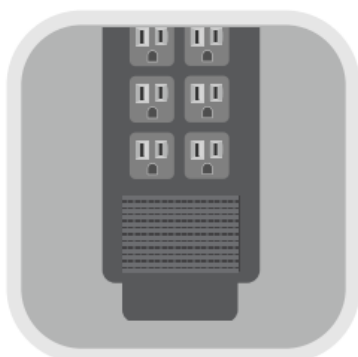**smartbitt 1350VA Automatic Voltage Regulator**

Important Safe Notice

The total energy load connected to your AVR must not exceed AVRs capacity, an excess in the maximum load capacity will cause the thermal breaker to interrupt the AC flow. (For more details about the load capacity and consumption of your devices please check out the specifications of your devices and/or the consumption table in this manual.) The AVR is designed for its use with devices sensitive to voltage changes, such as PCs, monitors, Inkjet printers, scanners, and faxes, among others. It is also designed for its use with entertainment electronics such as: TVs, gaming consoles, audio, modems, and routers, among others. Is not recommended its use with: freezers, electric tools, air conditioners, dehumidifiers, or any other devices which employ alternating current motors for its functioning. Do not use fuel-powered electric generators or vital support equipment.

WHAT'S IN THE BOX

The contents of the box should include the following elements:

AVR Smartbitt   **User's** Manual   **Warranty** Card

Introduction

Thank you for purchasing Smartbit Products.

This AVR has 8 polarized outlets NEMA5-15R, featuring 3 different kinds of electronic device protection: Automatic Voltage Regulation, surge protection and elimination of electrical noise/interferences. This AVR will keep an optimum voltage level in all its outlets to protect your valuable and delicate electronic devices such as: PCs, TVs, videogame consoles, and HiFi sound systems, among others…

Characteristics:

Provides 8 outlets with AVR, surge protection, and electrical noise protection. Provides stable voltage output through the low voltage step-up (boost) and high voltage step-down (buck). Accepts wide range of input voltages. Provides protection for electrical discharge and overload. Provides telephone line protection through its RJ11 connector

Important Note:

Before installation, please inspect the unit. Make sure that no element contained in the package is damaged. If that is damaged contact the retailer where it was purchased with the responsible manager.

Knowing your AVR

1. Power cord
2. On/Off Switch
3. 8 Outlets (all with surge protection, electrical noise suppression, and AVR).
4. Power On LED (Green)
5. AVR active (Yellow)*
6. Telephone line protection (RJ11 Connector)
7. Slotted ventilation

AVR active LED powers on only when the input voltage is above/below normal levels
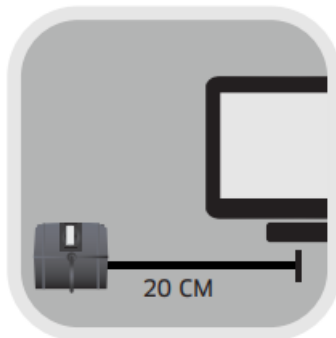
Installation & Operation

Inspection.
Remove your AVR from the original packaging and verify the integrity of the device, in case of finding any damage which could have occurred during the transportation of the device from its origin to the point of sale where it was acquired, please notify your vendor.

Installation conditions and placement.
Place your AVR in an area free of dirt or excessive dust and which has adequate airflow. Please place your AVR at least 20 cm away from any other devices to avoid any interference. Do not block the slotted ventilation. Do not operate the AVR where the temperature and humidity is above the specified limits (See specifications table included in this manual). Please operate the device in an environment free of mechanical vibrations, inflammable gases and/or corrosive or explosive atmospheres.
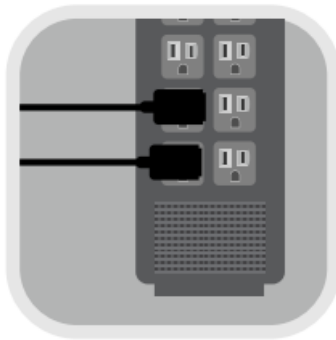

First load.
Connect the plug of your AVR into a polarized outlet, it is important that your current output has an adequate connection to earth ground, this will make your AVR work properly. Warning! Tearing up or bending the earth ground terminal from the AVR plug such as inadequate connection could cause electric shock and will void the warranty immediately.
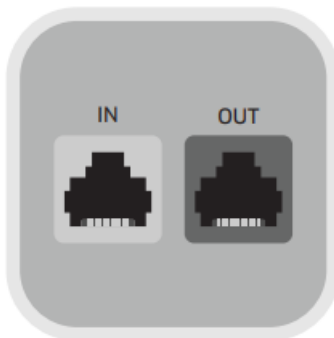
Important Note
Improper connection can result in risk of electric shock and malfunction of its equipment, besides this will invalidate your warranty.

Load connection.
This AVR has 8 power outlets NEMA5-15R (American standard) which provide automatic voltage regulation, surge protection, and electric noise suppression. Do not exceed the maximum capacity of your AVR, for this purpose, it's important for you to take advice from the consumption table further in this manual to avoid malfunctioning of your devices. For more exactitude on the consumption of your electronic/electric devices, it's recommended to see the consumption of each device, which must be stipulated on the rear panel or charger of the devices you wish to connect to the AVR.

Modem or telephone line connection.
Connect the telephone line to one of the RJ11 connectors. Connect your modem/telephone/router into the remaining RJ11 connector. (Only applies for models with RJ11 protection).

Turning on the AVR.
Once you have connected the devices to the AVR and made sure that the load doesn't exceed the capacity of your AVR, now you can proceed to switch the AVR to the ON position. (I)

Mounting on Wall & Troubleshooting

Installation on a vertical surface.
This AVR can be installed on a vertical surface. There are 2 ways to install it in this kind of surface, vertically or horizontally

Draw.
Draw with a ruler a 140mm line (Vertical or horizontal depending on your needs).

Mark.
Mark with a sharp object each of the ends of the drawn line, this is where the center of the mounting brackets will be.

Place.
In both of the marks place one nail/screw on each, make sure that the nails/screws are firmly placed and strong enough to support the AVR weight. Place the AVR mounting brackets over the nails/screws, make sure the AVR is firmly placed.

Here you will find the most common issues.
If you need any information you can get in contact with our technical support team via e-mail, telephone or through the webpage **http://www.smartbitt.com**.

PROBLEM	POSSIBLE CAUSE	ACTION
AVR doesn't turns on.	**AVR is not correctly plugged in to AC power source.**	Make sure the AVR is correctly plugged in to the socket
	Blown fuse	Check fuse, change if necessary for one of the same value
RJ11 not protecting	**The telephone cable not correctly plugged in.**	Check if the telephone cable is correctly plugged in. Check if the cable is in operative conditions.

Technical Specifications

MODEL	SBAVR900	SBAVR1350	SBAVR2200
Capacity	900VA / 450W	1350VA / 750W	2200VA / 1100W
INPUT POWER			
Voltage input	120 Vca		
Voltage range	95 - 145 Vca		
Frecuency	60 Hz		
OUTPUT POWER			
Voltage Regulation	+/- 10%		
Outlets	8 Outlets with regulation and supression		
INDICATORS			
LED On	Lightning green		
LED Regulating (AVR)	Lightning yellow		
WEIGHT & DIMENSIONS			
Dimensions	248 x 90 x 87.5		
Net weight (Kg)	1.2	1.4	1.6
RANGE OF OPERATION			
Humidity	0-90% @ 0-40° C		
Noise Level	Less than 40 dB		

Consumption Table

Phone Mobil Charger	average consumption	5W
Multichannel Amplificator	average consumption	120W
Audio Mini component	average consumption	60W
Scanner	average consumption	150W
Printer	Inkjet Printers	27W
PC (monitor)	CRT promedio 17 inches	70W
PC (monitor)	LCD, 19 inches	100W
PC (monitor)	LCD, 21 inches	120W
PC Netbook	10.1 inches	40W
PC Laptop	15 inches	65W
PC Desktop (CPU)	average consumption	170W
PC Tower	average consumption	220W

PC iMac (CPU)	Apple	365W
Radio	average consumption	15W
Radio	average consumption Old models	40W
Digital Clock	average consumption	5W
DVD Player	average consumption	35W
VHS Player	average consumption	100W
Blu-Ray	average consumption	60W
Switch/HUB	8 Ports	8W
Inalambric Phone (Dock)	average consumption	25W
TV	CRT Color, 21", average consumption	200W
TV	DLP, 50-56 inches	206W
TV	LED, 32 inches	60W
TV	LED, 40 inches	100W
TV	LED, 55 inches	190W
TV	LED, 60 inches	230W
TV	LED, 80 inches	280W
TV	LCD, 19 inches	35W
TV	LCD, 21 inches	115W
TV	LCD, 32 inches	156W
TV	LCD, 34 inches	200W
TV	LCD 37 inches	236W
TV	LCD, 42 inches	322W
TV	LCD, 50 inches	464W
TV	Plasma, 42 inches	474W
TV	Plasma, 50-56 inches	18W
TV	Nintendo Wii	34W
Video game Console	Nintendo Wii U	23W
Video game Console	Playstation	30W
Video game Console	PS2	194W
Video game Console	PS3	137W
Video game Console	PS4	70W
Video game Console	Xbox	185W
Video game Console	Xbox 360	112W

Video game Console	Xbox ONE	15W
Video game Console	average consumption	12W

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SBAVR900

SBAVR1350

SBAVR2200

Documents / Resources

Regulador de Voltaje Electrónico **Automatic Voltage Regulator** Modelos | **Models** : 900VA / 1350VA / 2200VA Manual de Usuario | **AVR's User Manual**	[**smartbitt 1350VA Automatic Voltage Regulator**](#) [pdf] User Manual 900VA, 1350VA, 2200VA, 1350VA Automatic Voltage Regulator, 1350VA, Automatic Voltage Regulator

References

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