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Smartbitt AVR1400R

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Model: AVR1400R | Brand: Smartbitt

1. INTRODUCTION

Thank you for choosing the Smartbitt AVR1400R Voltage Regulator. This device is designed to provide reliable protection for your sensitive electronic equipment in both home and office environments. It safeguards against voltage fluctuations, power surges, and spikes, ensuring a stable and clean power supply to all connected devices. Please read this manual carefully before installation and operation to ensure optimal performance and safety.

2. IMPORTANT SAFETY INFORMATION

Always follow these basic safety precautions to reduce the risk of fire, electric shock, and injury:

- Do not open the unit. There are no user-serviceable parts inside.
- Do not use this product near water or in excessively humid environments.
- Do not block ventilation openings. Ensure adequate airflow around the unit.
- Connect the unit to a properly grounded electrical outlet.
- Do not overload the regulator. Ensure the total power consumption of connected devices does not exceed 700W or 1400VA.
- If the unit emits smoke, unusual odors, or makes strange noises, immediately unplug it and contact customer support.
- This device is for indoor use only.

3. PRODUCT OVERVIEW

The Smartbitt AVR1400R is a compact and efficient voltage regulator featuring eight NEMA outlets for comprehensive protection.

Key Features:

- **Protection:** Safeguards office equipment, sensitive electronics, and entertainment systems.

- **Capacity:** 1400VA / 700W power capacity.
- **LED Indicators:** Practical LED indicators display real-time connection and regulation status.
- **Clean Power:** Ensures uniform and clean electrical energy delivery.
- **Outlets:** Eight (8) NEMA outlets with surge suppression and voltage stabilization.

Product Components:



Figure 3.1: Top view of the Smartbitt AVR1400R, highlighting the eight NEMA outlets and the Smartbitt logo with LED indicators.



Figure 3.2: Angled view of the Smartbitt AVR1400R, providing a perspective of its compact design and outlet layout.

4. SETUP INSTRUCTIONS

1. **Unpack the Regulator:** Carefully remove the Smartbitt AVR1400R from its packaging. Inspect for any signs of damage.
2. **Placement:** Place the regulator on a flat, stable surface, away from direct sunlight, heat sources, and excessive moisture. Ensure there is adequate ventilation around the unit.
3. **Connect to Wall Outlet:** Plug the power cord of the AVR1400R into a standard, properly grounded electrical wall outlet.
4. **Connect Devices:** Plug your electronic devices (computers, monitors, printers, entertainment systems, etc.)

into the eight NEMA outlets on the regulator. Ensure that the total power consumption of all connected devices does not exceed the regulator's capacity (1400VA / 700W).

5. **Power On:** Press the power switch (if available) on the regulator. The LED indicators should illuminate, indicating normal operation.

5. OPERATING THE REGULATOR

Once connected, the Smartbitt AVR1400R operates automatically to stabilize voltage and protect your devices.

LED Indicators:

The front panel features LED indicators that provide real-time status information:

Indicator	Status	Description
Green LED (e.g., 'Normal')	Solid On	The regulator is operating normally, providing stable power to connected devices.
Yellow LED (e.g., 'AVR Active')	Solid On	The Automatic Voltage Regulation (AVR) circuit is actively correcting input voltage fluctuations.
Red LED (e.g., 'Fault' or 'Overload')	Solid On / Flashing	Indicates an overload condition, a fault, or a surge protection event. Disconnect some devices or check for issues.

Refer to the specific icons next to the LEDs on your unit for precise identification.

6. MAINTENANCE

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to prevent overheating.
- **Inspection:** Regularly check the power cord and connected cables for any signs of damage. Replace damaged cables immediately.

7. TROUBLESHOOTING

If you encounter issues with your Smartbitt AVR1400R, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to connected devices.	Regulator is not plugged in or turned on. Overload condition. Faulty wall outlet.	Ensure the regulator is plugged into a live outlet and turned on. Reduce the number of connected devices. Test the wall outlet with another appliance.
Red LED is illuminated or flashing.	Overload. Internal fault.	Disconnect some devices to reduce the load. If the issue persists after reducing load, unplug the unit and contact support.

Problem	Possible Cause	Solution
Connected devices are still experiencing power issues.	Input voltage fluctuations are too extreme for the regulator's range. Regulator capacity exceeded.	Ensure the input voltage is within the specified operating range. Verify total power consumption does not exceed 700W.

8. SPECIFICATIONS

Feature	Detail
Brand	Smartbitt
Model	AVR1400R
Capacity	1400VA / 700W
Input Voltage (Nominal)	120V AC (typical for NEMA)
Output Voltage (Nominal)	120V AC (regulated)
Outlets	8 x NEMA 5-15R
Connector Type	NEMA
Dimensions (L x W x H)	29 x 10 x 10 cm (approx.)
Weight	2.03 kg (approx.)
Protection Features	Voltage Stabilization, Surge Suppression

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Smartbitt website. Keep your proof of purchase for warranty claims.

If you require assistance, please contact Smartbitt customer service with your product model (AVR1400R) and a detailed description of the issue.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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