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APC BR1000S-JP5W

APC BR1000S-JP5W Line-Interactive UPS 1000VA/600W User Manual

Model: BR1000S-JP5W

1. Product Overview

The APC BR1000S-JP5W is a Line-Interactive Uninterruptible Power Supply (UPS) designed to provide reliable power protection for small to medium-sized businesses and home environments. It features a 1000VA/600W capacity, pure sine wave output, and Automatic Voltage Regulation (AVR) to extend battery life and ensure stable power delivery.

Key Features:

- **Pure Sine Wave Output:** Provides clean and stable power, compatible with Power Factor Correction (PFC) power supplies.
- **Automatic Voltage Regulation (AVR):** Corrects minor voltage fluctuations without switching to battery power, preserving battery life.
- **Enhanced Surge Protection:** Includes 1 Gigabit network surge protection to safeguard connected equipment from power surges and spikes.
- **Intelligent Battery Management:** Optimizes battery performance, life, and reliability through precise charging.
- **Overload Protection:** Automatically shuts down to prevent damage to the unit and connected devices in case of overload or short circuit.
- **High-Definition LCD Screen:** Displays real-time status information, allowing quick assessment and response to power conditions.
- **PowerChute Personal Edition Software:** Bundled software for safe system shutdown during extended power outages.

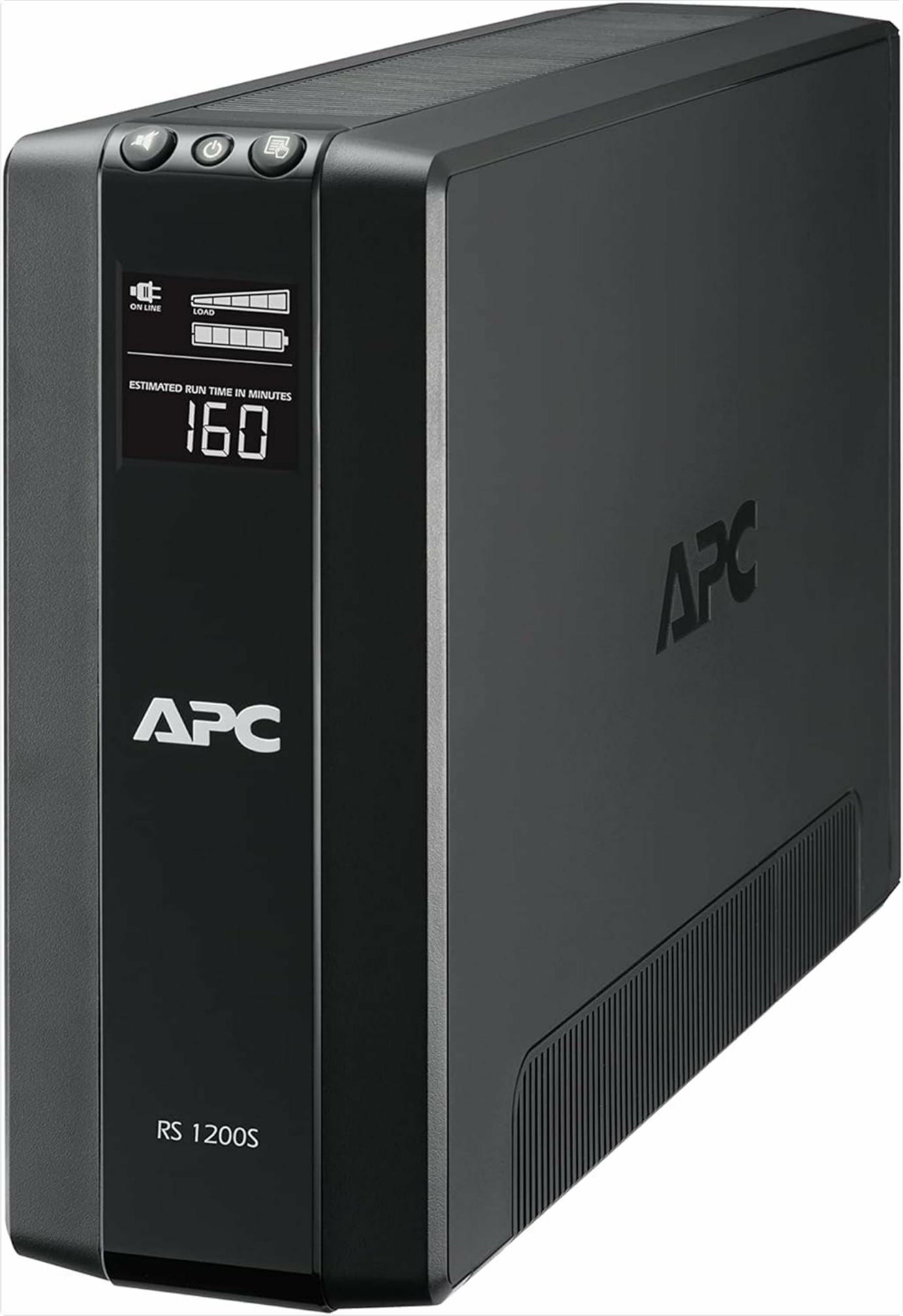

Figure 1: Front view of the APC BR1000S-JP5W UPS unit, showing the display and power button.

2. Setup Instructions

2.1 Unpacking and Inspection

1. Carefully unpack the UPS and inspect it for any shipping damage. If damage is found, notify the carrier and dealer.
2. Verify that all contents are included: UPS unit, user manual, and any bundled cables or software.

2.2 Battery Connection

The battery may be disconnected for shipping. Refer to the quick start guide or the unit's specific instructions for connecting the internal battery before initial use.

2.3 Connecting Equipment

The UPS provides two types of outlets: Battery Backup & Surge Protected, and Surge Only. Connect your critical equipment to the appropriate outlets.

Figure 2: Rear panel of the UPS. Note the distinct sections for Battery Backup Outlets and Surge Only Outlets, along with network and interface ports.

- **Battery Backup Outlets:** Connect your computer, monitor, external hard drives, and other critical devices that require uninterrupted power. These outlets provide power from the battery during outages.
- **Surge Only Outlets:** Connect non-critical devices such as printers, scanners, or speakers. These outlets provide surge protection but do not supply battery power during an outage.
- **Interface Port:** Connect the provided USB cable from the UPS to your computer for communication and use with PowerChute software.
- **Network Surge Protection:** Use the RJ45 ports to protect your network connection from surges.

2.4 Initial Power-On

1. Plug the UPS power cord into a wall outlet.
2. Press the power button on the front of the UPS. The unit will perform a self-test and the LCD screen will illuminate.
3. Allow the UPS to charge for at least 24 hours before connecting critical equipment to ensure full battery capacity.

3. Operating Instructions

3.1 Powering On/Off

- **To Power On:** Press the power button on the front panel.
- **To Power Off:** Press and hold the power button until the unit powers down.

3.2 Understanding the LCD Display

The high-definition LCD screen provides real-time information about the UPS status, including battery charge level, load, and estimated runtime.

Figure 3: The LCD screen displays critical operational data such as battery charge, connected load, and estimated backup time.

3.3 PowerChute Personal Edition Software

Install the PowerChute Personal Edition software on your computer to enable automatic, safe shutdown of your system during extended power outages, preventing data loss.

Figure 4: PowerChute Personal Edition software logo, indicating compatibility and bundled software for safe shutdowns.

4. Maintenance

4.1 Battery Care and Replacement

The UPS features a long-life battery, enhanced by Automatic Voltage Regulation (AVR) which reduces battery degradation. While the battery is designed for longevity, it will eventually require replacement. Consult the APC website or your dealer for replacement battery options and instructions.

Figure 5: Illustration highlighting the Automatic Voltage Regulation (AVR) feature, which contributes to extended battery life and increased operational uptime.

4.2 Cleaning

Periodically clean the exterior of the UPS with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure ventilation openings are clear of dust and debris.

4.3 Environmental Considerations

Operate the UPS in a clean, dry environment, away from direct sunlight, excessive heat, and moisture. Ensure adequate airflow around the unit.

5. Troubleshooting

This section addresses common issues you might encounter with your UPS. For more complex problems, contact APC technical support.

Problem	Possible Cause	Solution
UPS does not turn on	Battery not connected; UPS not plugged in; Circuit breaker tripped.	Ensure battery is connected; Plug UPS into a live wall outlet; Reset the circuit breaker on the rear panel.
UPS beeps continuously or frequently	On battery power; Overload condition; Low battery.	Save work and shut down equipment; Reduce connected load; Allow battery to recharge.

Problem	Possible Cause	Solution
Connected equipment loses power during an outage	Equipment connected to Surge Only outlets; UPS battery depleted.	Ensure critical equipment is connected to Battery Backup outlets; Allow UPS battery to fully charge.

Figure 6: The UPS provides robust surge protection for connected devices, indicated by the lightning bolt symbols.

6. Specifications

Specification	Value
Brand Name	Schneider Electric (APC)
Manufacturer	Schneider Electric
Model Number	BR1000S-JP5W
ASIN	B0DBZGCDC8
First Available on Amazon.co.jp	2024/8/2
Voltage	100 Volts
Wattage	600 W

7. Warranty Information

This APC UPS model BR1000S-JP5W comes with a **5-year warranty**. For detailed terms and conditions of the warranty, please refer to the official APC website or contact customer support. Keep your proof of purchase for warranty claims.

8. Support

For technical assistance, product information, or customer service, please visit the official Schneider Electric (APC) website or contact their customer support channels. Ensure you have your product model number (BR1000S-JP5W) and serial number ready when seeking support.

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