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> [TRIPP LITE](#) /

> Tripp Lite SMART1500RM2UN UPS System User Manual

## TRIPP LITE SMART1500RM2UN

# Tripp Lite SMART1500RM2UN UPS System User Manual

Model: SMART1500RM2UN | Brand: TRIPP LITE

## 1. INTRODUCTION

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Thank you for choosing the Tripp Lite SMART1500RM2UN Uninterruptible Power Supply (UPS) System. This device is designed to provide reliable battery backup and comprehensive AC power protection for your critical electronic equipment, safeguarding against blackouts, brownouts, surges, and line noise. The SMART1500RM2UN features a line-interactive sine wave output and a pre-installed SNMPWebCard for advanced network management. Please read this manual thoroughly before installation and operation to ensure proper use and maximum performance.



*Image 1: Front view of the Tripp Lite SMART1500RM2UN UPS System, showing the display panel and power outlets.*

## 2. IMPORTANT SAFETY INFORMATION

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Please observe the following safety precautions to prevent injury and damage to the UPS or connected equipment:

- **Electrical Safety:** Connect the UPS to a properly grounded AC power outlet. Do not remove the grounding prong.
- **Battery Safety:** The UPS contains internal batteries. Do not attempt to service the batteries yourself. Refer battery replacement to qualified service personnel. Batteries can present a risk of electrical shock and high short-circuit current.
- **Environment:** Install the UPS in a controlled environment, away from excessive moisture, heat, or dust. Ensure adequate ventilation around the unit.
- **Overload:** Do not overload the UPS. Ensure the total current draw of connected equipment does not exceed the UPS's capacity.
- **Emergency Disconnect:** The UPS has a main power switch. In an emergency, turn off the UPS and

disconnect it from the AC power source.

### 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- Tripp Lite SMART1500RM2UN UPS System
- Input Power Cord
- Mounting Hardware (for rackmount and tower configurations)
- USB Cable
- Serial (DB9) Cable
- Documentation (User Manual, Warranty Information)

### 4. PRODUCT FEATURES

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The SMART1500RM2UN UPS System offers the following key features:

- **Capacity:** 1.5kVA / 1.35kW power capacity.
- **Output Waveform:** Line-interactive sine wave output for compatibility with sensitive electronics.
- **Power Protection:** Guards against blackouts, brownouts, surges, and line noise.
- **Outlets:** 8 NEMA 5-15R outlets for connecting equipment.
- **Network Management:** Pre-installed SNMPWebCard for remote monitoring and control via network.
- **Mounting Options:** Versatile 2U rackmount or tower configuration.
- **Automatic Voltage Regulation (AVR):** Corrects brownouts and overvoltages without using battery power.
- **Hot-Swappable Batteries:** Allows for battery replacement without powering down connected equipment.

### 5. SETUP

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#### 5.1 Unpacking and Inspection

1. Carefully unpack the UPS and its accessories.
2. Inspect the unit for any shipping damage. If damage is found, do not operate the unit and contact your dealer.

#### 5.2 Mounting the UPS

The SMART1500RM2UN can be installed in a 2U rackmount space or as a tower unit.

- **Rackmount Installation:** Use the included rackmount hardware to secure the UPS in a standard 19-inch rack. Ensure proper airflow.
- **Tower Installation:** Attach the included tower stands to the bottom of the UPS for stable vertical placement.

#### 5.3 Battery Connection

The UPS ships with the internal batteries disconnected to prevent discharge during transit. Before initial use, connect the batteries:

1. Refer to the specific instructions in the full manual for accessing the battery compartment.
2. Connect the battery cables as indicated. Ensure a secure connection.

## 5.4 Connecting Equipment

1. Plug the UPS input power cord into a grounded AC outlet.
2. Connect your critical equipment (servers, network devices, etc.) to the 8 NEMA 5-15R outlets on the rear of the UPS.
3. For network management, connect an Ethernet cable to the SNMPWebCard port.
4. For direct communication, connect the USB or serial cable to your computer.

## 6. OPERATING THE UPS

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### 6.1 Initial Power-Up

1. After connecting the batteries and equipment, press and hold the power button on the front panel for a few seconds until the UPS powers on.
2. The UPS will perform a self-test. The front panel display will show status information.
3. Allow the UPS to charge for at least 24 hours before relying on its full battery runtime.

### 6.2 Front Panel Indicators

The front panel LCD provides real-time status information, including input voltage, output voltage, battery charge level, load percentage, and operational mode (Online, On Battery, AVR).

### 6.3 Powering On/Off

- **To Power On:** Press and hold the power button until the UPS activates.
- **To Power Off:** Press and hold the power button until the UPS shuts down. Ensure all connected equipment is safely powered off first.

### 6.4 SNMPWebCard Operation

The pre-installed SNMPWebCard allows for remote monitoring and management of the UPS over a network. Access the card's web interface via a web browser using its assigned IP address. Refer to the SNMPWebCard documentation for detailed configuration and usage instructions.

## 7. MAINTENANCE

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### 7.1 Battery Replacement

UPS batteries typically last 3-5 years under normal operating conditions. When batteries reach the end of their service life, the UPS will indicate a battery fault. The SMART1500RM2UN supports hot-swappable battery modules. Always use Tripp Lite approved replacement batteries. Refer to the full manual for detailed battery replacement procedures or contact qualified service personnel.

### 7.2 Cleaning

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

### 7.3 Storage

If storing the UPS for an extended period, ensure the batteries are fully charged. Recharge the batteries every 3-6 months to prevent permanent damage. Store the unit in a cool, dry place.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
UPS does not turn on	Battery cables disconnected; No AC input power; UPS fault.	Ensure battery cables are securely connected. Check AC input power. Contact support if fault persists.
UPS beeps continuously	On battery mode; Overload; Battery fault.	Check AC input. Reduce load. Check battery status on LCD.
Connected equipment loses power	UPS battery depleted; UPS overloaded; UPS fault.	Allow UPS to recharge. Reduce load. Contact support.
SNMPWebCard not accessible	Network configuration issue; Card fault.	Verify network cable connection and IP settings. Consult SNMPWebCard manual.

## 9. SPECIFICATIONS

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Key technical specifications for the SMART1500RM2UN UPS System:

Feature	Specification
Model Number	SMART1500RM2UN
Brand	TRIPP LITE
Voltage	120 Volts
Item Weight	46.08 Pounds
Total Power Outlets	8
Wattage	1000 watts
Item Dimensions (LxWxH)	17.48 x 13.5 x 3.5 inches
UPC	037332178237
ASIN	B00BCFLYF2

## 10. WARRANTY AND SUPPORT

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Tripp Lite products are backed by a limited warranty. Please refer to the warranty card included with your product or visit the official Tripp Lite website for detailed warranty terms and conditions. For technical assistance, troubleshooting, or service inquiries, please contact Tripp Lite customer support.

**Tripp Lite Contact Information:**

Website: [www.tripplite.com](http://www.tripplite.com)

Support: Refer to the website for regional contact numbers and online support resources.