APC SRT2200RMXLA

APC Smart-UPS SRT 2200VA RM 120V Network Card Instruction Manual

1. PRODUCT OVERVIEW

The APC Smart-UPS On-Line SRT 2200VA RM 120V Network Card provides high-density, true double-conversion on-line power protection. This system is designed for critical applications such as servers, voice/data networks, medical labs, and light industrial environments. It is capable of supporting loads from 1 to 20kVA in a rack/tower convertible form factor.
Key features include:

- High-density, true double-conversion on-line power protection.
- Suitable for servers, voice/data networks, medical labs, and light industrial applications.
- Rack/tower convertible form factor.

Figure 1: Front view of the APC Smart-UPS SRT 2200VA RM 120V Network Card, showing the display panel and ventilation.

Figure 2: Rear view of the APC Smart-UPS SRT 2200VA RM 120V Network Card, highlighting the power input, output receptacles, and network management card slot.

2. SETUP AND INSTALLATION

The Smart-UPS SRT 2200VA is designed for flexible deployment in either a rack or tower configuration. Ensure proper ventilation and clearance around the unit for optimal performance.

2.1 Physical Installation

1. **Rack Mounting:** Secure the UPS unit into a standard 19-inch equipment rack using the provided rack-mounting hardware. Ensure the unit is properly supported.
2. **Tower Configuration:** If not rack-mounting, place the UPS on a stable, flat surface.

2.2 Electrical Connections

1. Connect the UPS to a suitable electrical outlet using the provided power cord.
2. Connect your critical equipment to the UPS output receptacles. The unit features multiple 15A and 20A outlets.

2.3 Network Management Card Setup (SmartConnect)

The integrated Network Management Card allows for remote monitoring and management of your UPS. For initial setup, connect the UPS to your network via the dedicated Ethernet port. You can then register your UPS with APC SmartConnect for cloud-enabled monitoring.

Video 1: This video provides an overview of APC Smart-UPS with SmartConnect, demonstrating the setup process and benefits of cloud-enabled monitoring. While it features a 1000VA model, the SmartConnect setup principles apply to the 2200VA model.

3. OPERATION

The Smart-UPS SRT 2200VA features an intuitive LCD display on the front panel for local monitoring and configuration. Remote monitoring is available through the APC SmartConnect web portal.

3.1 Front Panel Display

The LCD display provides real-time information on the UPS status, including input/output voltage, load percentage, battery charge level, and estimated runtime. Use the navigation buttons (Esc, up, down, enter) to browse through menus and adjust settings.

Figure 3: Close-up of the APC Smart-UPS front panel LCD display, showing current load and battery status.

3.2 Remote Monitoring with SmartConnect

Once registered, the APC SmartConnect web portal allows you to:

- View UPS status and event logs securely.
- Receive automatic life cycle notifications for proactive maintenance.
- Simplify firmware updates.
- Access support and advice from APC experts.

4. Maintenance

Regular maintenance ensures the longevity and reliability of your APC Smart-UPS.

4.1 Battery Management

The Smart-UPS features intelligent battery management to optimize battery performance and life. The unit provides advanced warning when battery replacement is needed. Batteries are hot-swappable, allowing replacement without powering down connected equipment.

4.2 Firmware Updates

Firmware updates can be simplified through the APC SmartConnect portal, ensuring your UPS operates with the latest features and security enhancements.

5. Troubleshooting

If you encounter issues with your Smart-UPS, refer to the following general troubleshooting steps:

- **Check LCD Display:** Review any alerts or status messages displayed on the front panel LCD.
- **Verify Connections:** Ensure all power cords and network cables are securely connected.
- **Consult SmartConnect:** Log into the APC SmartConnect web portal for detailed diagnostics and recommended actions.
- **Overload Protection:** If an overload occurs, the unit may trip an overload protector. Reset the protector if necessary after reducing the load.

6. Specifications

Feature	Specification
Brand	APC
Model Number	SRT2200RMXLAUS
Product Dimensions	23"D x 17"W x 3.4"H
Item Weight	0.01 ounces
Voltage	120 Volts
Battery Cell Composition	Lead Acid
Color	Black
Manufacturer	APC
Date First Available	October 31, 2016

7. Warranty and Support

APC products are backed by comprehensive warranty and support services. For specific warranty details, please refer to the documentation included with your product or visit the official APC by Schneider Electric website. Registering your UPS with Schneider Electric through the SmartConnect portal can provide enhanced support and

monitoring capabilities.