S-Link SL-UP1500

S-link SL-UP1500 1500VA UPS Power Supply User Manual

Brand: S-Link | **Model:** SL-UP1500

1. Introduction and Overview

The S-link SL-UP1500 1500VA Uninterruptible Power Supply (UPS) is designed to protect connected electronic devices from power disturbances. It filters out issues such as sudden voltage surges, drops, harmonics, and voltage fluctuations in the main power supply, providing a stable and clean voltage output. In the event of a power outage, the UPS seamlessly continues to supply power to connected devices for a certain period, preventing data loss and equipment damage. This unit operates as a Line-Interactive UPS, offering continuous protection against various power irregularities.

This manual provides essential information for the safe and efficient use of your S-link SL-UP1500 UPS. Please read it thoroughly before installation and operation.

2. Safety Instructions

To ensure safe operation and prevent damage to the UPS or connected equipment, observe the following safety precautions:

- **Placement:** Install the UPS in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure adequate clearance around the unit for proper airflow.
- **Environment:** Do not operate the UPS in environments with excessive dust, humidity, or extreme temperatures.
- **Power Connection:** Connect the UPS only to a grounded power outlet. Do not use extension cords or adapters.
- **Load Capacity:** Do not overload the UPS. Ensure the total power consumption of connected devices does not exceed the UPS's rated capacity (900 Watts for this model).
- **Internal Components:** Do not open the UPS casing. There are no user-serviceable parts inside, and dangerous voltages are present. Opening the unit will void the warranty and poses a risk of electric shock.
- **Battery Safety:** Batteries can pose a risk of electrical shock and burn from high short-circuit current. Observe all warnings on the battery and within this manual.
- **Emergency Shutdown:** In an emergency, immediately disconnect the UPS from the main power supply and all connected devices.
- **Fire Hazard:** If you detect a burning smell or smoke, immediately disconnect the UPS from the power source

and contact support. Do not attempt to operate a damaged unit.

3. Package Contents

Verify that all items are present in the package:

- S-link SL-UP1500 1500VA UPS Unit
- User Manual (this document)
- Warranty Certificate



Figure 3.1: S-link SL-UP1500 UPS packaging box. The box displays the S-link logo, model number, and key features such as Automatic Voltage Regulation and DC Cold Start.

4. Product Features

The S-link SL-UP1500 UPS offers the following key features:

- **Line-Interactive Technology:** Provides automatic voltage regulation (AVR) to correct minor power fluctuations without switching to battery power, extending battery life.
- **Input Voltage Range:** Supports wide input voltage ranges of 110V / 120V or 220V / 230V / 240V.
- **Frequency Range:** Operates within a frequency range of 50 / 60 Hz ±10%.
- **Output Capacity:** Capable of supporting devices with a total power consumption of up to 900 Watts.
- **Output Sockets:** Equipped with 3 output sockets for connecting multiple devices.
- **Country of Origin:** China.



Figure 4.1: Front view of the S-link SL-UP1500 UPS. The front panel features the S-link logo, indicator lights, and a power button.



Figure 4.2: Rear view of the S-link SL-UP1500 UPS. This view shows the input power cord and the three output sockets for connecting protected devices.

5. Setup

Follow these steps to set up your S-link SL-UP1500 UPS:

1. **Unpacking:** Carefully remove the UPS from its packaging and inspect it for any shipping damage. If damage is found, do not proceed with installation and contact your vendor.
2. **Placement:** Place the UPS on a flat, stable surface in a cool, dry, and well-ventilated area. Ensure that the ventilation openings are not blocked.
3. **Initial Charging:** Before connecting any devices, plug the UPS into a standard grounded wall outlet. Allow the UPS to charge for at least 8-12 hours to ensure the battery is fully charged. The UPS may be used during this charging period, but optimal backup time will not be available until fully charged.
4. **Connecting Devices:** After the initial charge, connect your computer, monitor, and other critical electronic devices to the output sockets on the rear of the UPS. Ensure the total load does not exceed 900 Watts.
5. **Power On:** Press the power button on the front panel of the UPS to turn it on. The indicator lights will illuminate, confirming operation.

6. Operating Instructions

Understanding the basic operation of your UPS:

- **Turning On/Off:** Press and hold the power button on the front panel for a few seconds to turn the UPS on or off.
- **Normal Operation:** When the UPS is plugged into a wall outlet and turned on, it provides filtered and

regulated power to connected devices. The UPS will automatically switch to battery power if the main power supply fails or fluctuates significantly.

- **Battery Mode:** During a power outage, the UPS will automatically switch to battery power. An audible alarm may sound, and an indicator light will typically change to indicate battery operation. Save your work and shut down your equipment properly within the available backup time.
- **Battery Low Warning:** The UPS will emit a distinct alarm when the battery charge is low, indicating that you should prepare to shut down connected equipment.
- **Overload Warning:** If the connected load exceeds the UPS's capacity, an overload alarm may sound, and the UPS may shut down to prevent damage. Disconnect non-essential devices and restart the UPS.

7. Maintenance

Proper maintenance ensures the longevity and reliability of your UPS:

- **Battery Care:** The internal battery has a limited lifespan. To maximize battery life, avoid frequent deep discharges. If the UPS is stored for an extended period, recharge it every three months.
- **Battery Replacement:** Batteries are consumable items and will eventually need replacement. If the UPS's backup time significantly decreases, the battery may need to be replaced. Battery replacement should only be performed by qualified service personnel. Contact S-link support for assistance.
- **Cleaning:** Keep the UPS clean and free of dust. Use a dry, soft cloth to wipe the exterior. Do not use liquid or aerosol cleaners. Ensure ventilation openings are clear of obstructions.
- **Ventilation:** Regularly check that the UPS's ventilation openings are not blocked by dust or other objects to prevent overheating.

8. Troubleshooting

If you encounter issues with your S-link SL-UP1500 UPS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
UPS does not turn on.	No input power; Battery discharged; UPS fault.	Check power cord connection and wall outlet. Allow UPS to charge for several hours. If problem persists, contact support.
Short backup time.	Battery not fully charged; Battery end-of-life; Overload.	Ensure initial charge is complete. Reduce connected load. If battery is old, consider professional replacement.
UPS beeps continuously.	Battery low; Overload; Fault condition.	Shut down connected equipment. Reduce load. Refer to indicator lights for specific fault codes (if applicable).
Burning smell or smoke.	Internal component failure.	**Immediately disconnect the UPS from all power sources and connected devices. Do not attempt to use it. Contact S-link support immediately.**

If the problem persists after attempting these solutions, please contact S-link customer support for further assistance.

9. Specifications

Detailed technical specifications for the S-link SL-UP1500 UPS:

Specification	Value

Specification	Value
Brand	S-Link
Model Number	SL-UP1500
Capacity	1500VA
Output Power (Max)	900 Watts
Input Voltage Range	110V / 120V or 220V / 230V / 240V
Frequency Range	50 / 60 Hz ±10%
Output Sockets	3
Product Dimensions	37.5 x 14.5 x 23 cm
Product Weight	9.82 Kilograms
Color	Black
Batteries Included	No (Internal battery is part of the unit)
Manufacturer	S-link

10. Warranty and Support

Your S-link SL-UP1500 UPS comes with a warranty. Please refer to the included Warranty Certificate for specific terms and conditions, including the warranty period and coverage details.

For technical support, service, or warranty claims, please contact S-link customer service. Keep your purchase receipt and warranty certificate handy when contacting support.

Important: Any unauthorized attempts to open or repair the UPS will void the warranty.

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