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## GOLDENMATE UPS 1500VA/1000W

# GOLDENMATE 1500VA/1000W Lithium UPS User Manual

Model: UPS 1500VA/1000W | Brand: GOLDENMATE

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your GOLDENMATE 1500VA/1000W Lithium Uninterruptible Power Supply (UPS). Please read these instructions thoroughly before installation and use, and retain them for future reference.

### Important Safety Information

- Do not open the UPS casing. There are no user-serviceable parts inside.
- Ensure the UPS is connected to a grounded power outlet.
- Avoid placing the UPS in direct sunlight, near heat sources, or in areas with excessive moisture.
- Do not block ventilation openings. Proper airflow is crucial for cooling.
- In case of emergency, immediately disconnect the UPS from the power source and connected devices.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- GOLDENMATE 1500VA/1000W Lithium UPS Unit
- AC Power Cord
- USB Communication Cable
- User Manual (this document)

### 3. PRODUCT OVERVIEW

The GOLDENMATE 1500VA/1000W Lithium UPS is designed to provide reliable backup power and surge protection for your electronic devices. It features advanced LiFePO4 battery technology for extended lifespan and enhanced safety.

#### Key Features:

- **LiFePO4 Battery:** Offers over 3,000 charge cycles and a lifespan exceeding 10 years, reducing total cost of ownership.
- **Line-Interactive Pure Sine Wave:** Provides stable, clean power output suitable for sensitive electronics, with Automatic Voltage Regulation (AVR) to mitigate power fluctuations.
- **Multiple Outlets:** Equipped with eight NEMA 5-15P outlets for both surge protection and battery backup, designed with wider spacing.
- **Intelligent LCD Display:** Real-time monitoring of battery and power status, with integrated mute and LCD on/off functions.
- **Communication & Charging Ports:** Includes a USB communication port for PC auto-shutdown and front-panel USB-A and USB-C charging ports (10W total).
- **Comprehensive Protection:** Built-in Battery Management System (BMS) and dual anomaly protection for short circuit, overcurrent, overvoltage, and overheating.

#### Front Panel



*The front panel features the main LCD display, power button, mute/LCD control button, and two USB charging ports (Type-A and Type-C).*

## **Rear Panel**

# Power More Worry Less



 USB-C

 USB-A

8 Outlets

*The rear panel provides eight NEMA 5-15P outlets for connected devices, a cooling fan, the AC power input, and a USB communication port for data transfer and auto-shutdown features.*

## 4. SETUP

### Initial Charging

Before initial use, connect the UPS to a standard wall outlet using the provided AC power cord. Allow the unit to charge for at least 8-12 hours to ensure the internal LiFePO4 battery is fully charged. The LCD display will indicate charging status.

### Connecting Devices

1. Ensure the UPS is turned off before connecting any devices.
2. Plug your computer, monitor, network devices, and other critical electronics into the NEMA 5-15P outlets on the rear panel.

3. For automatic shutdown features, connect the provided USB communication cable from the UPS to your computer (Windows PC, Mac, or NAS).
4. Once all devices are connected, press the power button on the front panel to turn on the UPS.



*Example setup showing the UPS connected to a computer and printer.*

## 5. OPERATING INSTRUCTIONS

### Powering On/Off

- **To Power On:** Press and hold the power button on the front panel until the LCD screen illuminates.
- **To Power Off:** Press and hold the power button until the LCD screen turns off.

### LCD Display & Controls

The intelligent LCD display provides real-time information on input/output voltage, battery level, load capacity, and

operational status. The integrated button next to the power button allows you to:

- **Mute Alarm:** Briefly press the button to silence audible alarms.
- **Toggle LCD:** Press and hold the button to turn the LCD display on or off.



The LCD display and integrated control buttons for mute and screen on/off.

## USB Charging Ports

The front panel includes one USB-A and one USB-C port, providing a total of 10W charging power for mobile devices such as smartphones, tablets, and smartwatches.

# Power More Worry Less



Front USB-A and USB-C ports for convenient device charging.

## 6. ADVANCED FEATURES

### Automatic Voltage Regulation (AVR) & Pure Sine Wave

The Line-Interactive design with AVR automatically corrects minor power fluctuations (sags and surges) without switching to battery power, preserving battery life. The Pure Sine Wave output ensures compatibility and optimal performance for sensitive electronic equipment.

# Clean & Consistent Power 24/7



Automatic Voltage  
Regulation Against Flicker

Pure Sine Wave  
for Electronic Devices

*The UPS provides stable power through AVR and Pure Sine Wave technology.*

## **Communication Port & Auto-Shutdown**

The USB communication port allows the UPS to communicate with your computer or NAS, enabling automatic system shutdown during extended power outages to prevent data loss.

### **Windows Auto-Shutdown Settings Guide**

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*Video guide on configuring Windows for automatic shutdown when connected to the GOLDENMATE UPS.*

### **Mac OS Auto-Shutdown Settings Guide**

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*Video guide on configuring Mac OS for automatic shutdown when connected to the GOLDENMATE UPS.*

### **NAS Auto-Shutdown Settings Guide**

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*Video guide on configuring your NAS for automatic shutdown when connected to the GOLDENMATE UPS.*



## Your NAS Always Protected

*The UPS ensures your Network Attached Storage (NAS) is always protected.*

## 7. MAINTENANCE

### LiFePO4 Battery Care

The GOLDENMATE UPS utilizes a Lithium Iron Phosphate (LiFePO4) battery, which is designed for long-term, maintenance-free operation for up to 10 years. Unlike traditional lead-acid batteries, LiFePO4 batteries do not require frequent replacement or specific maintenance routines.

- Ensure the UPS is operated within its specified temperature range to maximize battery life.
- Avoid fully discharging the battery frequently, though LiFePO4 batteries tolerate deep cycles well.
- Keep ventilation areas clear to prevent overheating.

# Lithium UPS Battery Backup

# 296Wh

 10 Year  
Lifespan

 3000+  
Cycle life

 1500VA  
1000W



*The LiFePO4 battery offers a 10-year lifespan and over 3000 charge cycles.*

## Cleaning

To clean the exterior of the UPS, use a soft, dry cloth. Do not use liquid or aerosol cleaners, as they may damage the unit.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
UPS does not turn on	No power from wall outlet; Battery fully discharged	Check wall outlet; Allow UPS to charge for 8-12 hours.
Short backup time	Battery not fully charged; Overloaded UPS	Charge UPS fully; Reduce connected load.
Continuous alarm sound	Overload; Battery low	Reduce connected load; Allow UPS to recharge.
Connected devices not receiving power	UPS is off; Cables loose	Turn on UPS; Secure all power connections.

If the problem persists after attempting these solutions, please contact GOLDENMATE customer support.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	UPS 1500VA/1000W
Capacity	1500VA / 1000W
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Capacity	51.2V, 5.8Ah (296Wh)
Input Voltage	120 Volts
Output Waveform	Pure Sine Wave
Outlets	8 x NEMA 5-15P (Battery Backup & Surge Protected)
USB Charging Ports	1 x USB-A, 1 x USB-C (10W total)
Communication Port	USB (Type-B)
Product Dimensions	16.73 x 6.3 x 11.81 inches
Item Weight	33 pounds
Color	White

## 10. WARRANTY AND SUPPORT

## **Warranty Information**

The GOLDENMATE 1500VA/1000W Lithium UPS is designed for maintenance-free operation for up to 10 years, reflecting the durability and longevity of its LiFePO4 battery technology. Please refer to your purchase documentation for specific warranty terms and conditions.

## **Customer Support**

For any questions, technical assistance, or support needs, please contact GOLDENMATE customer service. Our US Local Warehouse Technical Aftersales Service is committed to responding within 24 hours with professional and friendly support.

Contact information can typically be found on our official website or your product packaging.