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> [NJOY Keen 2000 Line-Interactive UPS User Manual \(2000VA / 1200W\)](#)

NJOY UPLI-LI200KE-CG01B

NJOY Keen 2000 Line-Interactive UPS User Manual

Model: UPLI-LI200KE-CG01B (2000VA / 1200W)

1. INTRODUCTION

The NJOY Keen 2000 Line-Interactive Uninterruptible Power Supply (UPS) is designed to provide reliable power backup and protection for your electronic devices. This UPS safeguards against power outages, voltage sags, surges, and other power anomalies, ensuring continuous operation and preventing data loss or equipment damage. It is suitable for PCs, modems, routers, TVs, audio equipment, external storage devices, and non-laser printers.

This manual provides essential information for the safe and efficient use of your NJOY Keen 2000 UPS. Please read it thoroughly before installation and operation.

2. SAFETY INFORMATION

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

- Do not open the UPS casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Do not connect appliances that could overload the UPS, such as laser printers or heaters.
- Ensure the UPS is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- Do not block ventilation openings.
- Connect the UPS to a grounded AC power outlet only.
- In case of emergency, press the power button to turn off the UPS and disconnect it from the AC power source.
- Battery replacement should only be performed by qualified service personnel using the same type and number of batteries.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NJOY Keen 2000 UPS Unit
- User Manual (this document)
- Power Cable (if included separately)

4. PRODUCT OVERVIEW

The NJOY Keen 2000 UPS features Line-Interactive technology, providing Automatic Voltage Regulation (AVR) to stabilize incoming power without switching to battery mode. It delivers a simulated sine wave output and includes an auto-restart function

for convenience after power restoration.

Front Panel



Figure 4.1: Front view of the NJOY Keen 2000 UPS, showing the power button at the top and three LED indicators below it. The NJOY logo is visible at the bottom.

- **Power Button:** Used to turn the UPS on or off.
- **LED Indicators:** Display the operational status of the UPS (e.g., AC mode, battery mode, fault).

Rear Panel



Figure 4.2: Rear view of the NJOY Keen 2000 UPS, featuring four Schuko output sockets, a red circuit breaker button, and a cooling fan vent.

- **AC Input:** Power cord connection for mains electricity.
- **Schuko Outlets (x4):** Connect your devices here for battery backup and surge protection.
- **Circuit Breaker:** Provides overload protection. Press to reset if tripped.
- **Cooling Fan:** Ensures proper ventilation and temperature regulation.

5. SETUP

1. **Unpacking:** Carefully unpack the UPS and inspect it for any shipping damage.
2. **Placement:** Place the UPS on a flat, stable surface in a clean, dry, and well-ventilated area. Ensure there is adequate space around the unit for airflow. Avoid placing it near heat sources or in direct sunlight.
3. **Initial Charging:** Connect the UPS to a grounded wall outlet using the provided power cord. Allow the unit to charge for at least 8 hours before initial use to ensure optimal battery runtime. The UPS will charge whether it is turned on or off.

4. **Connecting Devices:** Once the UPS is fully charged, connect your electronic devices (PC, monitor, modem, etc.) to the Schuko output outlets on the rear panel. Ensure the total load does not exceed the UPS's capacity (1200W).
5. **Power On:** Press the power button on the front panel to turn on the UPS. The LED indicators will illuminate, indicating its operational status.

6. OPERATING INSTRUCTIONS

Turning the UPS On/Off

- **To Turn On:** Press and hold the power button for approximately 2 seconds until you hear a beep and the indicators light up.
- **To Turn Off:** Press and hold the power button for approximately 2 seconds until you hear a beep and the indicators turn off.

LED Indicators

The front panel features LED indicators that provide information about the UPS status:

- **Green LED:** Indicates AC mode (normal operation, power supplied from mains).
- **Yellow LED:** Indicates battery mode (power supplied from batteries during an outage).
- **Red LED:** Indicates a fault or overload condition.

Automatic Voltage Regulation (AVR)

The UPS automatically regulates incoming voltage fluctuations. If the input voltage is too high or too low, the AVR function will adjust it to a safe level without switching to battery power, protecting your connected devices.

Battery Mode Operation

During a power outage, the UPS will automatically switch to battery mode, providing power to connected devices. The yellow LED will illuminate, and the UPS will emit an audible alarm. The runtime depends on the connected load.



Running time on battery

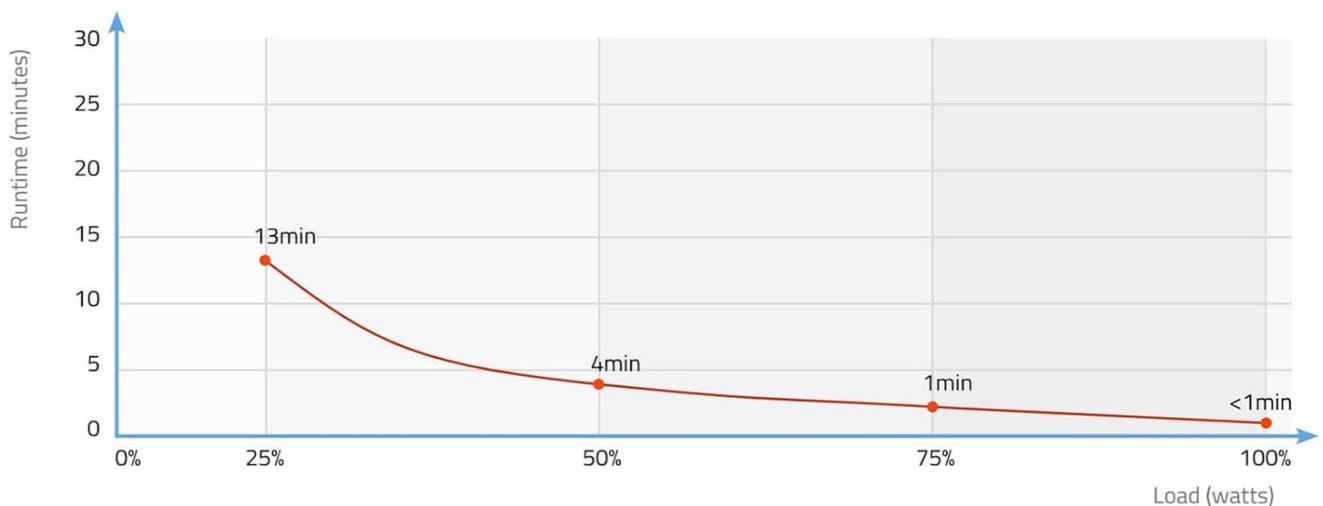


Figure 6.1: Battery runtime chart for the NJOY Keen UPS. At 25% load, runtime is approximately 13 minutes. At 50% load, runtime is approximately 4 minutes. At 75% load, runtime is approximately 1 minute. At 100% load, runtime is less than 1 minute.

When the battery level is low, the UPS will emit a more frequent alarm. It is recommended to save your work and shut down connected equipment gracefully during this period.

Auto-Restart Function

After a complete power outage and subsequent restoration of AC power, the UPS will automatically restart and power on connected devices, provided the battery has sufficient charge.

7. MAINTENANCE

- **Battery Care:** To maximize battery life, keep the UPS connected to an AC outlet at all times. If the UPS is stored for an extended period, recharge it every three months for at least 8 hours.
- **Cleaning:** Disconnect the UPS from the AC power and all connected devices before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid or aerosol cleaners.

- **Ventilation:** Regularly check that the ventilation openings are clear of dust and obstructions to ensure proper cooling.

8. TROUBLESHOOTING

If the UPS is not operating correctly, refer to the following table for common issues and solutions:

Problem	Possible Cause	Solution
UPS does not turn on.	No AC power; Low battery; UPS fault.	Ensure AC power cord is securely plugged in. Allow UPS to charge for 8 hours. If problem persists, contact support.
UPS is in battery mode frequently.	Unstable AC power; Overload.	Check AC power quality. Reduce connected load.
Red LED is illuminated.	Overload; Internal fault.	Disconnect some devices to reduce load. Press the circuit breaker to reset. If fault persists, contact support.
Short battery runtime.	Batteries not fully charged; Batteries nearing end of life; Overload.	Allow UPS to charge for 8 hours. Reduce connected load. Consider battery replacement if batteries are old.

9. SPECIFICATIONS

Feature	Detail
Model Number	UPLI-LI200KE-CG01B
Capacity	2000 VA / 1200 W
Technology	Line-Interactive (VI)
Input Voltage	230 V AC
Input Voltage Range	162 ~ 290 V AC
Input Frequency	50 Hz / 60 Hz (Auto-sensing)
Output Voltage	230 V AC
Output Voltage Accuracy	± 10%
Output Waveform	Simulated Sine Wave
Outlets	4 x Schuko (Type F)
Batteries	2 x 12V-9Ah Sealed Lead-Acid (Internal)
Typical Runtime (100% load)	< 1 minute (as per graph)
Noise Level	< 40 dB
Dimensions (L x W x H)	29.8 x 14.8 x 17.8 cm
Form Factor	Tower

10. WARRANTY AND SUPPORT

The NJOY Keen 2000 UPS comes with a **3-year warranty** on the unit and a **1-year warranty** on the internal batteries. This warranty covers defects in materials and workmanship under normal use.

For technical assistance, troubleshooting, or warranty claims, please contact NJOY customer service. Refer to the official NJOY

website or your purchase documentation for contact details.



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