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## CQCQ L18L3P72

# CQCQ L18L3P72 Laptop Battery User Manual

For Lenovo ThinkPad X390 Yoga, X390 Yoga-20NQ, X390 Yoga i7 Series

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your CQCQ L18L3P72 laptop battery. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of your battery.

## 2. PRODUCT OVERVIEW

The CQCQ L18L3P72 is a high-quality Li-ion replacement battery designed for specific Lenovo ThinkPad models. It features Grade A cells for reliable performance and is FCC, CE, and RoHS certified.

### Key Features:

- **Battery Type:** Li-ion
- **Voltage:** 11.55V
- **Capacity:** 51Wh / 4372mAh
- **Condition:** 100% Brand New
- Grade A cells for fast charging and low power consumption.
- FCC / CE / RoHS Certified for safety and environmental compliance.

### Compatible Part Numbers:

- L18L3P72
- 02DL021
- SB10K97659
- 02DL022
- L18M3P72
- SB10K97660
- 02HM886

## Compatible Laptop Models:

- Lenovo ThinkPad X390 Yoga
- Lenovo ThinkPad X390 Yoga-20NQ
- Lenovo ThinkPad X390 Yoga i7
- Lenovo ThinkPad X13 Yoga 1st Gen Series



Image: Front view of the CQCQ L18L3P72 laptop battery, showing connectors and regulatory markings.



Image: Back view of the CQCQ L18L3P72 laptop battery, showing the smooth casing.

### 3. INSTALLATION INSTRUCTIONS

Before beginning the installation, ensure your laptop is powered off and disconnected from any power source. It is recommended to wear anti-static gloves to prevent damage from static electricity.

1. **Prepare the Laptop:** Power off your laptop completely and disconnect the AC adapter. Close the lid and turn the laptop over to access the bottom panel.
2. **Remove the Old Battery:** Depending on your laptop model, you may need to unscrew the bottom cover or release latches to access the internal battery compartment. Carefully disconnect the old battery's cable from the motherboard and remove the battery.
3. **Install the New Battery:** Gently place the new CQCQ L18L3P72 battery into the battery box. Ensure it fits securely.
4. **Connect the Battery:** Carefully connect the new battery's cable to the corresponding port on the motherboard. Ensure the connection is firm and correctly oriented.
5. **Secure the Battery:** If applicable, tighten any screws that hold the battery in place.
6. **Reassemble the Laptop:** Replace the bottom cover and secure it with screws or latches.
7. **Initial Power-Up:** Connect the AC adapter and power on your laptop. The system should recognize the new battery.

**Note:** If you are unsure about the installation process, it is advisable to search for specific laptop model battery replacement guides on video platforms like YouTube or consult a professional technician.

## How to find my battery model?

1. Press **windows+ R**



2. Type **msinfo32**, Click OK



3. Find **System Model** in the pop-up window

System Information		
Item	Value	
<b>System Summary</b>		
OS Name	Microsoft Windows 10 Pro	
Version	10.0.17134 Build 17134	
Other OS Description	Not Available	
OS Manufacturer	Microsoft Corporation	
System Name	MARCO-PC	
System Manufacturer	Dell Inc.	
<b>System Model</b>	<b>Precision WorkStation 15500</b>	
System type	x64-based PC	
System SKU		
Processor	Intel(R) Xeon(R) CPU E5520 @ 2.27GHz, 2262 Mhz, ...	
BIOS Version/Date	Dell Inc. A16, 5/28/2013	
SMBIOS Version	2.5	
Embedded Controller Version	255.255	
BIOS Mode	Legacy	
BaseBoard Manufacturer	Dell Inc.	



Image: Diagram illustrating how to find your laptop's system model using 'msinfo32' in Windows, which can help in identifying the correct battery.

## 4. OPERATING GUIDELINES (OPTIMAL USE)

To maximize the lifespan and performance of your CQCQ L18L3P72 battery, follow these operating recommendations:

- **Initial Use:** For the first use, discharge the new battery to approximately 5% (do not let it reach 0%), then fully charge it. Repeat this charge/discharge cycle 3-4 times to 'wake up' the battery cells.
- **Regular Cycling:** Perform a full discharge (to 5%) and charge cycle every one to two months to maintain battery health.
- **Avoid Constant Charging:** Do not keep the laptop connected to the AC adapter for extended periods once the battery is fully charged. This can reduce battery lifespan.
- **Temperature Control:** Operate your laptop in a moderate temperature environment. Extreme heat or cold can negatively impact battery performance and longevity.
- **Safety Precautions:** Avoid artificial shocks, disassembly, crushing, or puncturing the battery. Do not dispose of the battery in fire or water.

## SAFE

MULI PROTECT

### INTELLIGENT SECURITY TECHNOLOGY



Antistatic impact



Temperature anomaly



Short circuit protection



Overcurrent protection



Voltage protection



Overpower protection



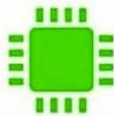
Discharge protection



Electromagnetic safety



Charge time protection



Chip monitoring



Power protection



Reserve protection



RoHS

FC

CE

Image: Diagram highlighting various intelligent security technologies integrated into the battery, such as antistatic impact, temperature anomaly protection, short circuit protection, and overcurrent protection.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and reliability of your battery:

- **Cleaning:** Keep the battery and its contacts clean. Use a dry, soft cloth to wipe away dust or debris.
- **Storage:** If storing the battery for an extended period, ensure it is charged to about 50-70% and stored in a cool, dry place. Avoid storing fully charged or fully discharged batteries for long durations.
- **Software Updates:** Keep your laptop's operating system and drivers updated, as power management features can impact battery performance.

## 6. TROUBLESHOOTING

If you encounter issues with your CQCQ L18L3P72 battery, consider the following:

- **Battery Not Recognized:** Ensure the battery cable is securely connected to the motherboard. Try reinstalling the battery. Check your laptop's BIOS settings to see if the battery is detected.
- **Battery Not Charging:** Verify that the AC adapter is functioning correctly and is properly connected. Check the charging port for any debris. Try updating your laptop's battery drivers.

- **Short Battery Life:** Review your laptop's power settings and ensure they are optimized for battery life. Close unnecessary applications running in the background. Ensure the battery has completed its initial 3-4 charge/discharge cycles.
- **Overheating:** Ensure your laptop's cooling vents are clear and not obstructed. Excessive heat can degrade battery performance. If the battery itself feels excessively hot, discontinue use and contact support.

## 7. SPECIFICATIONS

Specification	Value
Battery Type	Li-ion
Voltage	11.55V
Capacity	51Wh / 4372mAh
Item Model Number	L18L3P72
Item Weight	10.8 ounces (approx. 306 grams)
Package Dimensions	11.93 x 4.45 x 1.06 inches
Manufacturer	Foshan Eurasia Energy Technology Co., Ltd.
Date First Available	March 17, 2021
Battery Cell Composition	Lithium Ion
Number of Batteries	1 Lithium Ion battery required (included)

## 8. WARRANTY AND SUPPORT

Your CQCQ L18L3P72 battery comes with a **2-year warranty**, ensuring customer satisfaction.

If you encounter any problems or have questions regarding the use of this battery, please do not hesitate to contact the seller or CQCQ customer support. We aim to respond to inquiries within 12 hours.

For further assistance, please refer to the contact information provided with your purchase or visit the official CQCQ store page on Amazon: [CQCQ Store](#).