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LiTHELi U20 Super Battery 20V 4.0Ah

LiTHELi U20 Super Battery 20V 4.0Ah Instruction Manual

Model: U20 Super Battery 20V 4.0Ah

1. INTRODUCTION

The LiTHELi U20 Super Battery is a high-capacity 20V 4.0Ah lithium-ion battery pack designed for versatile power needs. With a 20000mAh capacity and a 45W USB-C output, it serves as both a power source for LiTHELi U20 series tools and a portable power bank for various electronic devices, including laptops, smartphones, tablets, and drones. This manual provides important information for the safe and efficient use of your battery.

POWERFUL COMPATIBILITY

Effortlessly Handles All DIY Tasks



Figure 1: LiTHELi U20 Super Battery 20V 4.0Ah. This image displays the compact and sleek design of the LiTHELi U20 Super Battery.

2. SAFETY INFORMATION

Read and understand all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Charging:** Only use the specified charging methods and chargers. Do not attempt to charge the battery with damaged or incompatible chargers.
- **Temperature:** Do not expose the battery to extreme temperatures (below -20°C or above 55°C). Store in a cool, dry place away from direct sunlight.
- **Damage:** Do not use a damaged or modified battery. Damaged batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.
- **Water Exposure:** Do not immerse the battery in water or expose it to rain or wet conditions.
- **Impact:** Do not drop, hit, or subject the battery to strong impacts.
- **Disassembly:** Do not attempt to disassemble, open, or service the battery pack.

- **Disposal:** Dispose of batteries properly according to local regulations. Do not dispose of in household waste or by incineration.



Figure 2: Multi-Protection Technology. This image illustrates the internal structure of the battery and highlights its multiple protection features, including overheating, short circuit, over voltage, over current, over discharge, and over charge protection.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the LiTHELi U20 Super Battery. The battery features an upgraded two-way USB-C port for convenient charging.

1. Take out the charging cable (USB-C to USB-C or USB-A to USB-C, depending on your charger).
2. Insert the charging cable into the Type-C port of the battery.
3. Connect the other end of the cable to a compatible power adapter (e.g., a 45W or 65W USB-C charger, not included).
4. The battery's indicator lights will show the charging status. A full charge can be achieved in approximately 1-2 hours depending on the charger's wattage.

THE FASTEST ONE HOUR FULL OF POWER

Two different charging methods

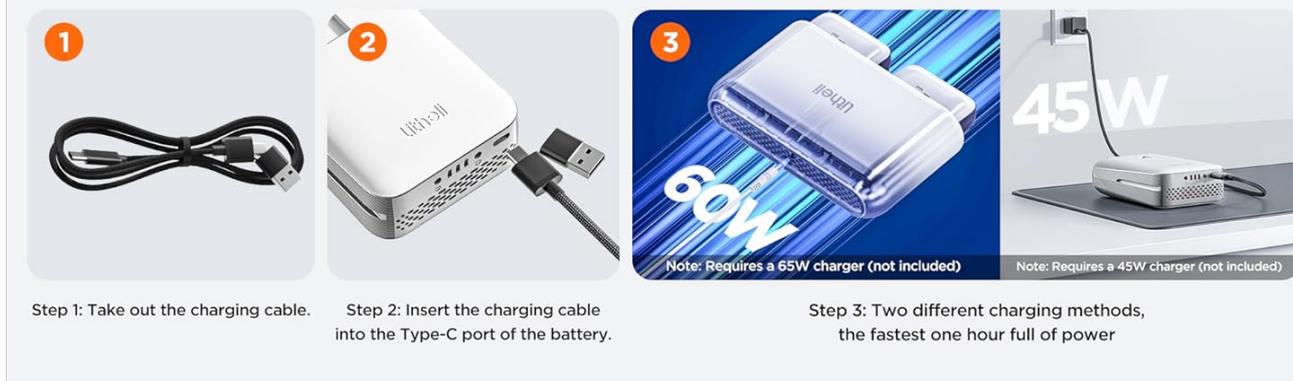


Figure 3: Battery Charging Steps. This image illustrates the three steps for charging the LiTHELi U20 Super Battery using a USB-C cable and a power adapter.

3.2 Checking Battery Level

Press the power button on the battery to check the current charge level via the LED indicators.

4. OPERATING INSTRUCTIONS

4.1 Powering LiTHELi U20 Tools

The U20 Super Battery is compatible with all LiTHELi U20 series tools. To power a tool:

1. Align the battery with the battery slot on your LiTHELi U20 tool.
2. Slide the battery into the slot until it clicks securely into place.
3. To remove, press the battery release button (if present on the tool) and slide the battery out.



Figure 4: Compatible with LiTHELi U20 Tools. This image displays the U20 Super Battery alongside a wide range of compatible LiTHELi U20 power tools, including lawnmowers, trimmers, and blowers.

4.2 Charging External Devices (Power Bank Function)

The U20 Super Battery can charge various electronic devices via its 45W USB-C output.

1. Connect your device (laptop, smartphone, tablet, drone, etc.) to the battery's USB-C port using a compatible

USB-C cable.

2. The battery will automatically begin charging your device.
3. The battery can recharge a laptop up to 0.8 times, a smartphone up to 1.8 times, or a tablet up to 1.2 times, depending on the device's battery capacity.



Figure 5: 45W Fast Charging for Devices. This image shows the LiTHELi U20 Super Battery charging a smartphone and a drone simultaneously, highlighting its 45W fast charging capability.

4.3 Air Travel Compatibility

The U20 Super Battery is designed to be air travel friendly. Always check with your airline's specific regulations regarding portable power banks before traveling.

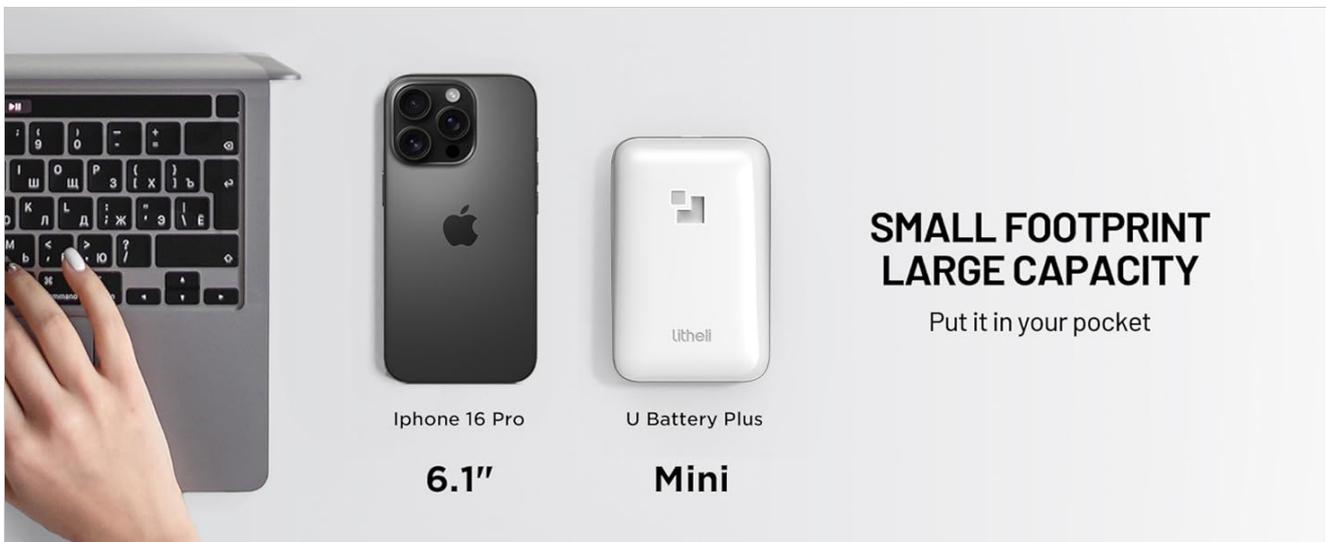


Figure 6: Universal Compatibility and Air Travel Friendly. This image shows the battery being held in an airplane cabin, illustrating its portability and compatibility with various devices like iPhones, iPads, Apple Watches, and AirPods.

5. MAINTENANCE

5.1 Storage

- Store the battery in a cool, dry place, away from direct sunlight and moisture.
- For long-term storage, charge the battery to approximately 50-60% capacity.
- Avoid storing the battery in temperatures below -20°C or above 55°C .

5.2 Cleaning

- Clean the battery casing with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure charging ports are free from dust and debris.

6. TROUBLESHOOTING

6.1 Battery Not Charging

- **Check Cable:** Ensure the USB-C charging cable is securely connected to both the battery and the power adapter. Try a different cable.
- **Check Adapter:** Verify that the power adapter is functioning correctly and provides sufficient wattage (e.g., 45W or higher).
- **Temperature:** If the battery is too hot or too cold, it may not charge. Allow it to return to room temperature.

6.2 Device Not Charging from Battery

- **Check Battery Level:** Ensure the U20 Super Battery has sufficient charge.
- **Check Cable:** Use a compatible and functional USB-C cable for your device.
- **Device Compatibility:** Confirm your device is compatible with USB-C charging and its power requirements do not exceed the battery's 45W output.

6.3 Battery Not Powering U20 Tool

- **Secure Connection:** Ensure the battery is fully inserted and locked into the tool's battery slot.
- **Battery Charge:** Verify the battery has enough charge to operate the tool.

- **Tool Condition:** Check if the tool itself is functioning correctly with another battery (if available).

7. SPECIFICATIONS

Feature	Specification
Model	U20 Super Battery 20V 4.0Ah
Battery Type	Lithium Ion
Voltage	20V
Capacity	4.0Ah (20000mAh)
USB-C Output	Up to 45W
Operating Temperature	-20°C to 55°C
Manufacturer	Litheli
ASIN	B0FFMQGSDR

8. WARRANTY AND SUPPORT

LiTHELi products are designed for reliability and performance. For specific warranty details and support, please refer to the warranty card included with your product or visit the official LiTHELi website. If you encounter any issues or have questions regarding your U20 Super Battery, please contact LiTHELi customer service for assistance.

Contact Information: Please refer to the contact details provided on the product packaging or the official LiTHELi website for the most up-to-date support information.