

LOVELEDI P58D

LOVELEDI P58D 40000mAh Power Bank Instruction Manual

Model: P58D

40000mAh Power Bank with QC 4.0 and PD 30W Quick Charging, Built-in LED Display, 2 USB, 1 Type-C Output

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your LOVELEDI P58D 40000mAh Power Bank. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

WARNING:

- Do not drop, disassemble, or attempt to repair the device yourself.
- Avoid exposure to fire, extreme temperatures (above 50°C), or direct sunlight.
- Keep out of reach of children.
- Do not expose to water or other liquids.
- Ensure proper ventilation during charging to prevent overheating.
- If the power bank swells or liquid leakage occurs, discontinue use immediately.
- Do not direct the flashlight beam into eyes.

The power bank is equipped with a PCB motherboard featuring 10 safety protection designs, including overcharging, over-discharging, short circuit, overheating, over-power, over-voltage, and magnetic field protection, ensuring safe operation.

Comprehensive Protection

Multi-Protect safety system ensuring total protection for you and your devices



Short-circuit
protection



Over-current
protection



Over-voltage
protection



Temperature
Protection



Overcharge
Protection



Figure 2.1: Comprehensive internal protection system of the power bank.

3. PRODUCT OVERVIEW

The LOVELEDI P58D Power Bank is designed for portability and high-capacity charging. It features multiple output ports

and an integrated LED display for convenience.



Figure 3.1: Front view of the LOVELEDI P58D Power Bank.

3.1 Components:

- **USB-A Output Ports (x2):** For charging various USB-compatible devices.
- **Type-C Port (Input/Output):** Supports both charging the power bank and charging devices with PD30W fast charge.
- **LED Digital Display:** Shows the remaining battery percentage and charging status.
- **Power Button:** Activates the display and controls the flashlight.

- **Built-in Flashlight:** Provides illumination for emergencies.

4. SETUP

4.1 Initial Charging of the Power Bank:

Before first use, it is recommended to fully charge your power bank. This ensures optimal performance and battery longevity.

1. Connect the power bank's Type-C input port to a compatible power adapter (PD30W adapter recommended for fastest charging).
2. The LED screen will display numbers flashing, indicating charging in progress.
3. When the display shows 100%, the power bank is fully charged.

Recharge Your Way

Recharge power bank using either the micro USB or USB-C ports



Type-C input (PD30W)



6Hrs



Micro input (18W)



8Hrs



6.0h Fully Recharge
Pair up with an 20W charger

Figure 4.1: Recharging the power bank. A full charge takes approximately 6 hours with a PD30W adapter.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices:

The power bank automatically detects and identifies the connected device to provide optimal charging. It supports simultaneous charging of up to three devices.

1. Connect your device's charging cable to one of the power bank's output ports (USB-A or Type-C).
2. The power bank will automatically begin charging your device. The LED display will show the remaining power.
3. For fast charging, use the Type-C port with a compatible cable and device. It can charge an iPhone 13 from 20% to 80% in approximately 30 minutes.

Charge Fast Anywhere

Connect to either the USB-C or USB-A port to give your phone or tablet a powerful charge up to 22.5W



30W
USB-C

USB-C port supports
PD30W fast charging

22.5W
USB-A

USB-A port supports
scp 22.5W fast charging

Figure 5.1: Charging a single device with the power bank.

Simultaneous Charging

Twin USB ports and USB-C port allow you to charge three devices at the same time



USB-C*1



USB-A*2



Figure 5.2: Simultaneous charging of multiple devices. Note: Fast charging mode may be reduced when charging multiple devices.

5.2 LED Display Operation:

- **Short Press Power Button:** Displays the remaining power percentage on the LED screen. A lightning bolt icon will appear if fast charging is active.

- **Quick Double Press Power Button:** Turns off the LED display.



Figure 5.3: The LED digital display showing battery percentage.

5.3 Flashlight Operation:

- **Long Press Power Button (approx. 4 seconds):** Turns the flashlight ON/OFF.
- **Short Press Power Button (while flashlight is ON):** Cycles through different modes: Super Bright, Soft Bright, SOS Beacon, Strobe.



Figure 5.4: Activating the built-in flashlight.

6. MAINTENANCE

- Clean the power bank with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- To maintain battery health, fully charge and discharge the power bank at least once every three months if not in regular use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	Loose cable connection; faulty cable/adaptor; power bank fully discharged.	Check connections; try a different cable/adaptor; allow a few minutes for the power bank to respond if deeply discharged.
Device not charging from power bank	Loose cable connection; incompatible cable; device fully charged; power bank battery low.	Ensure cable is securely connected; use original or certified cable; check device battery level; recharge power bank.
LED display not working	Power bank is off; display malfunction.	Short press the power button to activate; if issue persists, contact support.
Flashlight not working	Incorrect operation; power bank battery low.	Long press the power button for 4 seconds; recharge power bank.

8. SPECIFICATIONS

- **Model:** P58D
- **Battery Capacity:** 40000mAh
- **Battery Type:** Rechargeable Polymer Li-ion Cell
- **Input (Type-C):** 5V=3A, 9V=3A, 12V=2.5A, 15V=2A, 20V=1.5A (PD30W)
- **Output (USB-A1):** 5V=3A, 9V=2A, 12V=1.5A, 4.5V=5A, 5V=4.5A (22.5W Max)
- **Output (USB-A2):** 5V=3A, 9V=2A, 12V=1.5A, 4.5V=5A, 5V=4.5A (22.5W Max)
- **Output (Type-C):** 5V=3A, 9V=3A, 12V=2.5A, 15V=2A, 20V=1.5A (PD30W)
- **LED Flashlight Power:** 3W (360 Lumens)
- **Charging Time:** About 6 hours (using PD30W adapter)
- **Working Temperature:** 0°C-50°C
- **Product Dimensions:** 5.75 x 2.87 x 1.22 inches (146 x 73 x 31.5mm)
- **Product Weight:** 1 pound (417g)

9. WARRANTY AND SUPPORT

LOVELEDI products come with a standard manufacturer's warranty. For detailed warranty information, product support, or service inquiries, please refer to the warranty card included in your product packaging or visit the official LOVELEDI website.

For any questions or assistance, please contact our customer support team. We are committed to providing high-quality products and excellent service.

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