

EASYLONGER YN-046P

EASYLONGER 100W Laptop Power Bank EL268 PRO User Manual

Model: YN-046P | Brand: EASYLONGER

1. INTRODUCTION

The EASYLONGER 100W Laptop Power Bank EL268 PRO is a high-capacity portable charging solution designed to keep your devices powered on the go. Featuring advanced Power Delivery (PD 3.0) technology and a massive 26800mAh battery, it offers fast and efficient charging for laptops, tablets, smartphones, and other USB-C compatible devices. Its compact design and robust safety features make it an ideal companion for travel, work, and outdoor activities.



Figure 1: EASYLONGER 100W Laptop Power Bank EL268 PRO. This image displays the sleek black power bank with its ports visible at one end, alongside a USB-C to USB-C cable.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- 1 x EASYLONGER PD 100W Power Bank
- 1 x USB C-C Cable (100W Output)
- 1 x User Manual

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Video 1: EASYLONGER 100W Laptop Power Bank Unboxing. This video demonstrates the unboxing process, showing the power bank, USB-C cable, and user manual included in the package.

3. PRODUCT FEATURES

3.1 High Capacity and Power Output

The EL268 PRO features a substantial 26800mAh battery capacity, capable of extending the battery life of various devices. It is equipped with multiple output ports to cater to diverse charging needs:

- **USB-C1 (PD 3.0):** Up to 100W output, ideal for fast-charging laptops like MacBook Pro, Dell, and HP.
- **USB-C2 (PPS 3.0):** Up to 27W output, suitable for smartphones and smaller devices, supporting Samsung Super-Fast Charging.
- **USB-A:** Up to 22.5W output, for general USB-A compatible devices.

The power bank can intelligently detect connected devices to deliver the optimal charging speed.

Huge Capacity Power Bank

26800mAh  **Airline
Approved**

MacBook Pro 14"
(2021)

1.1

Times

iPhone 15

5.5

Times

Steam Deck

1.5

Times

iPad Pro 12.9"

1.7

Times

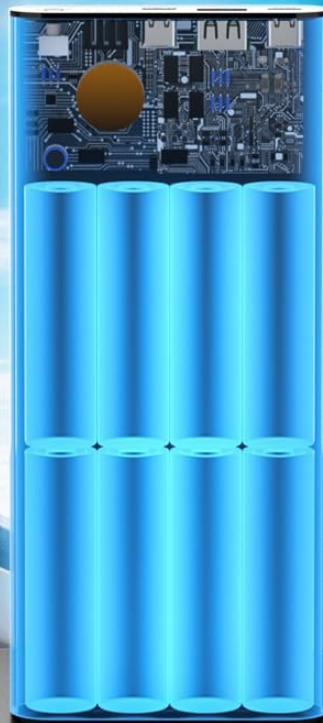


Figure 2: Illustration of the power bank's 26800mAh capacity, showing estimated charges for MacBook Pro 14" (1.1 times), iPhone 15 (5.5 times), Steam Deck (1.5 times), and iPad Pro 12.9" (1.7 times). It also highlights airline approval.

3X Super Fast Charging

100W Max Fast Charging For Laptop

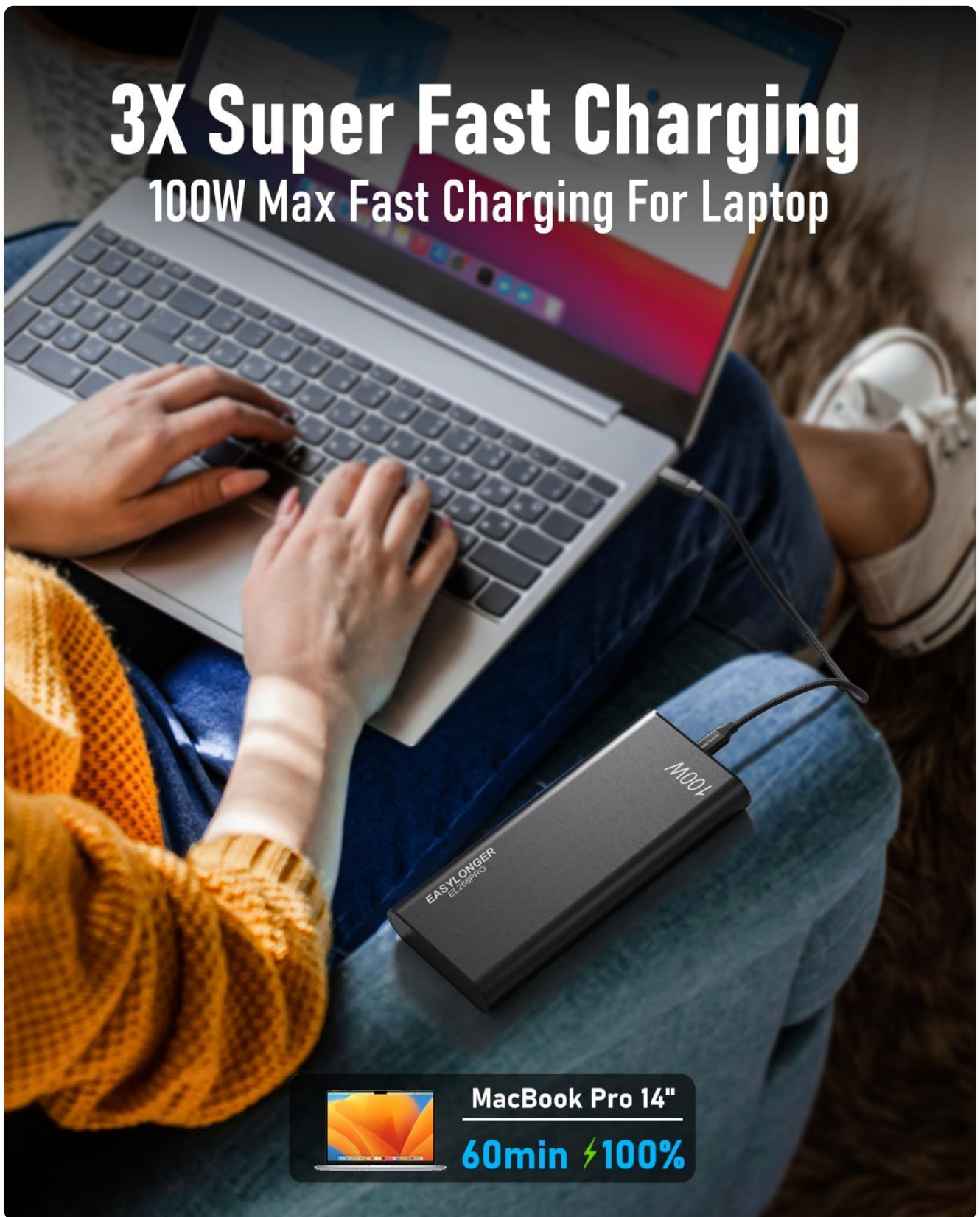


Figure 3: Depicts the 100W max fast charging capability for laptops, showing a MacBook Pro 14" charging to 100% in 60 minutes.

3.2 Advanced Safety Features

The EL268 PRO incorporates a built-in Battery Management System (BMS) with 5 layers of protection to ensure safe and reliable operation:

- Short-circuit Protection
- Overcurrent Protection
- Over-discharge Protection
- Temperature Protection

- Overcharge Protection



BUILT-IN

Battery Management System



Short-circuit Protection



Overcurrent Protection



Over-discharge Protection



Temperature Protection



Overcharge Protection

5 Battery Protection

Effectively protect device safety and battery life

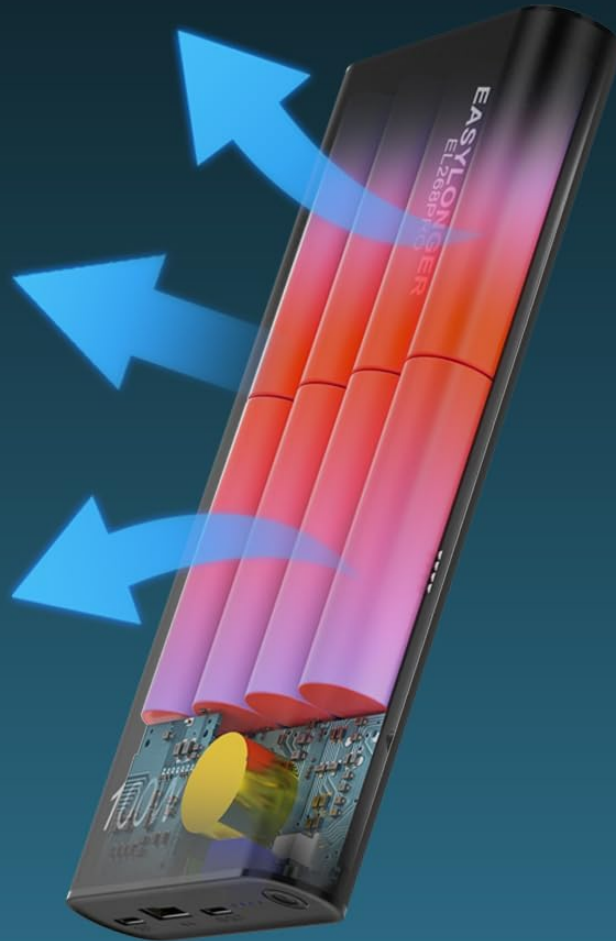
Figure 4: Visual representation of the 5 battery protection features (Short-circuit, Overcurrent, Over-discharge, Temperature, Overcharge Protection) provided by the built-in Battery Management System.

3.3 Durable Construction

The power bank is constructed with an aluminum alloy shell, which provides superior heat dissipation compared to hard plastic, contributing to better battery efficiency and longevity.

Aluminum Alloy Shell

Better heat dissipation, better battery efficiency



THERMAL EFFICIENCY

Aluminum Alloy	150-230	W/(m·K)
Hard Plastic	0.19-0.22	W/(m·K)

Figure 5: Diagram illustrating the heat dissipation benefits of the aluminum alloy shell compared to hard plastic, highlighting improved thermal efficiency.

4. SETUP

4.1 Charging the Power Bank

To fully recharge the 26800mAh power bank, use a 65W PD wall charger (not included). It can be fully recharged in approximately 2.5 hours. Connect the provided USB C-C cable to the 'IN/OUT' USB-C port on the power bank and to your 65W PD wall charger.

4.2 Power Indicator

The power bank features LED indicators to show the remaining battery level. Refer to the lights next to the power button to check the charge status.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices

Connect your device to the appropriate output port on the power bank using a compatible charging cable. The power bank will automatically begin charging your device.

5.2 Charging Multiple Devices Simultaneously

The power bank can charge up to three devices concurrently using its two USB-C ports and one USB-A port. The intelligent power management system will distribute power efficiently among the connected devices.

Charge Multiple Devices Simultaneously



Figure 6: This image illustrates the power bank charging a laptop, a smartphone, and a tablet simultaneously, demonstrating its multi-device charging capability.

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Video 2: 2 USB-C Ports Laptop Power Bank, PD 100W 26800mAh. This video highlights the dual USB-C ports and their functionality for charging various devices, including laptops and smartphones.

6. COMPATIBILITY

The EASYLONGER EL268 PRO is designed for wide compatibility with various devices that support USB-C Power Delivery

(PD) and other fast-charging protocols. This includes, but is not limited to:

- **Laptops:** MacBook Pro/Air, Dell, HP, Samsung, and other USB-C powered laptops.
- **Tablets:** iPad Pro, Android tablets.
- **Smartphones:** iPhone (via USB-C to Lightning cable), Android phones (supporting PPS for Samsung Super-Fast Charging).
- **Gaming Consoles:** Steam Deck, Nintendo Switch.
- **Other Devices:** USB fans, AirPods, Bluetooth speakers, cameras, drones, etc.

For optimal performance, ensure your device supports PD charging for the 100W output. The included E-Marker USB C-C cable supports up to 100W (20V/5A) fast charging.

Widely Compatible

USB-C1
100W



Laptop



iPad Pro



Drone



Steam Deck

USB-C2
27W



iPhone



Android Phones



Android Tablets



Camera

USB-A
22.5W



Fan



AirPods



Bluetooth Speakers



Light

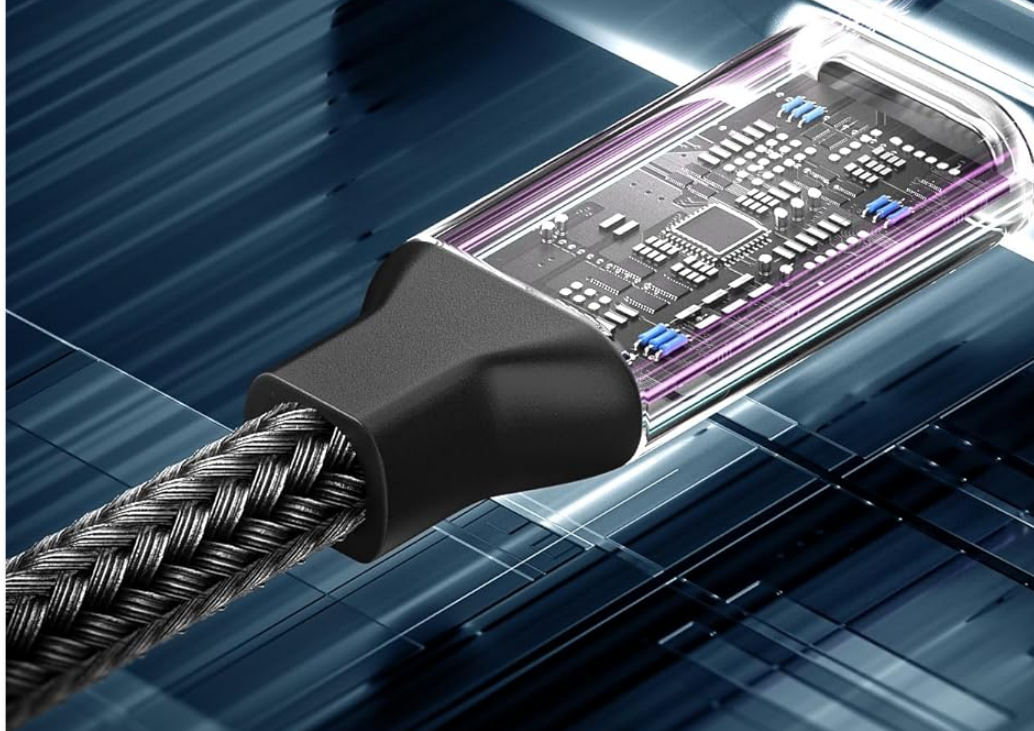
***Not limited to the above equipment**



Figure 7: This image visually categorizes compatible devices for each port: USB-C1 (100W) for Laptops, iPad Pro, Drone, Steam Deck; USB-C2 (27W) for iPhone, Android Phones, Android Tablets, Camera; and USB-A (22.5W) for Fan, AirPods, Bluetooth Speakers, Light.

E-Marker Cable Power Up

Includes an E-Marker cable
supporting up to 100W



20V/5A Fast Charging

Figure 8: Highlights the inclusion of an E-Marker cable that supports up to 100W (5A current) for fast charging compatible devices.

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Video 3: EL268 PRO is compatible with all your devices. This video showcases the power bank's broad compatibility with various electronic devices, including laptops, phones, and gaming consoles.

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Video 4: EASYLONGER power bank for Steam deck. This video specifically demonstrates the power bank's compatibility and charging capabilities with the Steam Deck portable gaming console.

7. MAINTENANCE

To ensure the longevity and optimal performance of your EASYLONGER power bank, follow these maintenance guidelines:

- Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not expose the power bank to water or excessive moisture.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- If storing for an extended period, charge the power bank to about 50-75% capacity every 3-6 months to preserve battery health.

8. TROUBLESHOOTING

If you encounter issues with your EASYLONGER power bank, please refer to the following common troubleshooting steps:

- **Device not charging:** Ensure the power bank has sufficient charge. Check that the charging cable is securely connected to both the power bank and your device. Verify that your device is compatible with the power bank's output ports and power delivery specifications.
- **Slow charging:** Confirm that you are using a high-quality, compatible cable. Some devices may require specific cables or adapters for optimal fast charging. Ensure the power bank is not simultaneously charging multiple high-power devices that exceed its total output capacity.
- **Power bank not recharging:** Use a 65W PD wall charger and the provided USB C-C cable. Ensure the wall charger is functioning correctly and the cable is properly connected to the 'IN/OUT' port.
- **Power bank automatically turns off:** This may occur if the connected device draws very low current, or if the power bank detects an issue (e.g., short circuit, overheating). Disconnect all devices, restart the power bank, and try again.
- **Input/Output Port Confusion:** The 'IN/OUT' USB-C port is designed to intelligently detect whether it should charge the power bank or charge a connected device. Ensure the device you are trying to charge is not attempting to supply power to the power bank. If issues persist, try a different cable or port.

If the problem persists after attempting these steps, please contact customer service for further assistance.

9. SPECIFICATIONS

Feature	Specification
Brand	EASYLONGER
Model Number	YN-046P
Battery Capacity	26800mAh (3.7V) / 99.16Wh
USB-C1 Output (IN/OUT)	DC5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (Max 100W)
USB-C2 Output (OUT ONLY)	DC5V/3A, 9V/3A, 12V/2.25A, PPS:3.3-11V/3A (Max 27W)
USB-A Output (OUT)	DC4.5V/5A, 5V/4.5A, 9V/2A, 12V/1.5A (Max 22.5W)
Total Max Output	133W (Shared)
Recharge Time	Approx. 2.5 hours (with 65W PD charger)
Dimensions	70.08 x 31.5 x 0.87 inches







Feature	Specification
Weight	1.2 pounds
Material	Aluminum Alloy Shell
Safety Features	Short-circuit, Overcurrent, Over-discharge, Temperature, Overcharge Protection

10. WARRANTY AND SUPPORT

EASYLONGER offers a **90-day return and refund policy** for this product. For any inquiries, technical assistance, or warranty claims, please contact our customer service team. We provide **24-hour customer service** to address your concerns promptly.

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

Related Documents - YN-046P

	EASYLONGER EL268 LITE/AIR Power Bank User Manual Comprehensive user manual for the EASYLONGER EL268 LITE and EL268 AIR 26800mAh power banks, detailing features, specifications, charging instructions, troubleshooting, and safety guidelines.
	EASYLONGER EL268 LITE 26800mAh PD 65W Power Bank User Manual Comprehensive user manual for the EASYLONGER EL268 LITE 26800mAh portable power bank, featuring 65W PD fast charging for laptops and devices. Includes specifications, features, charging instructions, safety warnings, and warranty information.
	EASYLONGER EL240 Laptop Power Bank User Manual User manual for the EASYLONGER EL240 Laptop Power Bank, detailing its specifications, features, charging instructions for laptops, CPAPs, and other devices, as well as troubleshooting and warranty information.
	EASYLONGER ES400 AIR Portable Power Station User Manual User manual for the EASYLONGER ES400 AIR portable power station, detailing its specifications, package contents, charging methods, usage instructions for various ports (USB, USB-C, DC, 12V cigar lighter), part identification, usage notes, FAQs, and warranty information.
	EASYLONGER ES270 (GP13) User Manual User manual for the EASYLONGER ES270 (GP13), providing instructions and specifications for its operation and features.
	ES960 PRO CPAP Battery Backup User Manual User manual for the EASYLONGER ES960 PRO CPAP Battery Backup, detailing safety information, product overview, specifications, operation instructions, charging methods, CPAP usage, troubleshooting, maintenance, and warranty.