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› ZGCINE ZG-V99 V-Mount Battery Instruction Manual

ZGCINE ZG-V99

ZGCINE ZG-V99 V-Mount Battery User Manual

Model: ZG-V99

1. PRODUCT OVERVIEW

The ZGCINE ZG-V99 is a compact and powerful 99Wh (6800mAh, 14.8V) V-Mount Li-ion battery designed for professional photographic equipment, including cameras and DSLRs. It features multiple output ports for versatile power supply to various devices, an OLED display for real-time battery information, and intelligent battery management for safe operation.

V-MOUNT BATTERY

High Built Quality
For Long Time Use

6800mAh

14.8v

99Wh



Image 1.1: Front view of the ZGCINE ZG-V99 V-Mount Battery, highlighting its capacity, voltage, and integrated safety features.

Key Features:

- **Compact and Lightweight:** Designed for portability, weighing approximately 1.1 lbs, making it suitable for travel (please check local airline regulations).
- **High Capacity:** 99Wh (6800mAh, 14.8V) provides extended power for your devices.
- **Multiple Output Ports:** Equipped with D-TAP, BP, USB-C, and USB-A output ports to power a wide range of devices simultaneously.
- **PD Fast Charging:** Supports PD USB-C charging at 45W or 60W, allowing a full charge in approximately 3.5 hours.
- **OLED Display:** Real-time display of battery information, including charge status.
- **Intelligent Battery Management:** Incorporates overcurrent, overpower, overvoltage, overcharge, short circuit, temperature, and reset protection for safe and reliable operation.
- **High-Quality Cells:** Utilizes imported high-quality battery cells for optimal performance and safety.



Image 1.2: The ZGCINE ZG-V99 battery demonstrating its compact size and portability, fitting easily into a bag.

2. SPECIFICATIONS

Feature	Specification
Model	ZG-V99
Battery Type	Li-ion V-Mount Battery
Capacity	99Wh / 6800mAh
Voltage	14.8V
Item Weight	1.1 Pounds (approx. 0.5 kg)
USB-C Input/Output	PD 45W/60W (Input), 24W (Output)
USB-A Output	24W
D-Tap Input/Output	133.2W

Feature	Specification
BP Charging Port	133.2W
Dimensions (L x W x H)	Approx. 4.33 x 2.2 x 2.95 inches (108 x 55 x 74 mm)
Charging Time (PD 45W/60W)	Approx. 3.5 hours
Protection Features	Overcurrent, Overpower, Overvoltage, Overcharge, Short Circuit, Temperature, Reset, Circuit Protection

3. PACKAGE CONTENTS

Please check the package for the following items:

- ZGCINE ZG-V99 V-Mount Battery
- User Manual

Note: Charging cables and power adapters are typically sold separately.

4. SAFETY INFORMATION

To ensure safe operation and prolong the lifespan of your ZGCINE ZG-V99 V-Mount Battery, please read and adhere to the following safety guidelines:

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Avoid exposing the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Keep the battery away from water, fire, and corrosive substances.
- Use only compatible chargers and cables.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately.
- Dispose of the battery according to local regulations for lithium-ion batteries.
- Keep out of reach of children.



Image 4.1: Overview of the intelligent battery management system and its various protection mechanisms.

5. GETTING STARTED

5.1 Charging the Battery

The ZG-V99 battery supports PD fast charging via its USB-C port. To charge the battery:

1. Connect a compatible USB-C PD charger (45W or 60W recommended) to the USB-C port on the battery.
2. The OLED display will show the charging status and current battery level.
3. Charging typically takes about 3.5 hours for a full charge with a 45W/60W PD charger.

3.5
HOURS

Using 45W or More Power PD USB-C Charger
Fully Charged IN 3.5Hours



capacity:
6800mAh

The Charger is OPTIONAL
Compatible:
Mac Book USB-C Charger
Recommend:
Anker 45W PD USB-C Charger
or Anker 65W PD USB-C Charger

Image 5.1: The ZG-V99 battery being charged via its USB-C port using a PD charger.

5.2 Mounting the Battery

The ZG-V99 is a V-Mount battery and can be attached to any device or rig equipped with a standard V-Mount plate.

1. Align the V-Mount plate on the battery with the V-Mount receiver on your camera or accessory.
2. Slide the battery downwards until it clicks securely into place.
3. To remove, press the release button (usually orange) on the side of the battery and slide it upwards.

Small Size And Lightweight

Portable To Carry For Travel



Available To
Carry To Plane



Length

4.33in

Width

2.2in

Height

2.95in

Weight

1.17lbs

Image 5.2: The ZG-V99 battery mounted on a camera rig, demonstrating its integration into a professional setup.

5.3 Connecting Devices

The ZG-V99 offers various ports to power multiple devices simultaneously:

- **D-Tap Port:** For devices requiring D-Tap power input.
- **BP Port:** For devices compatible with BP power input.
- **USB-C Port:** Can be used as an output to charge devices like laptops, tablets, or smartphones.
- **USB-A Port:** For charging smartphones and other USB-powered accessories.

VARIOUS TYPES OF OUTPUT PORTS

Meet various charging needs

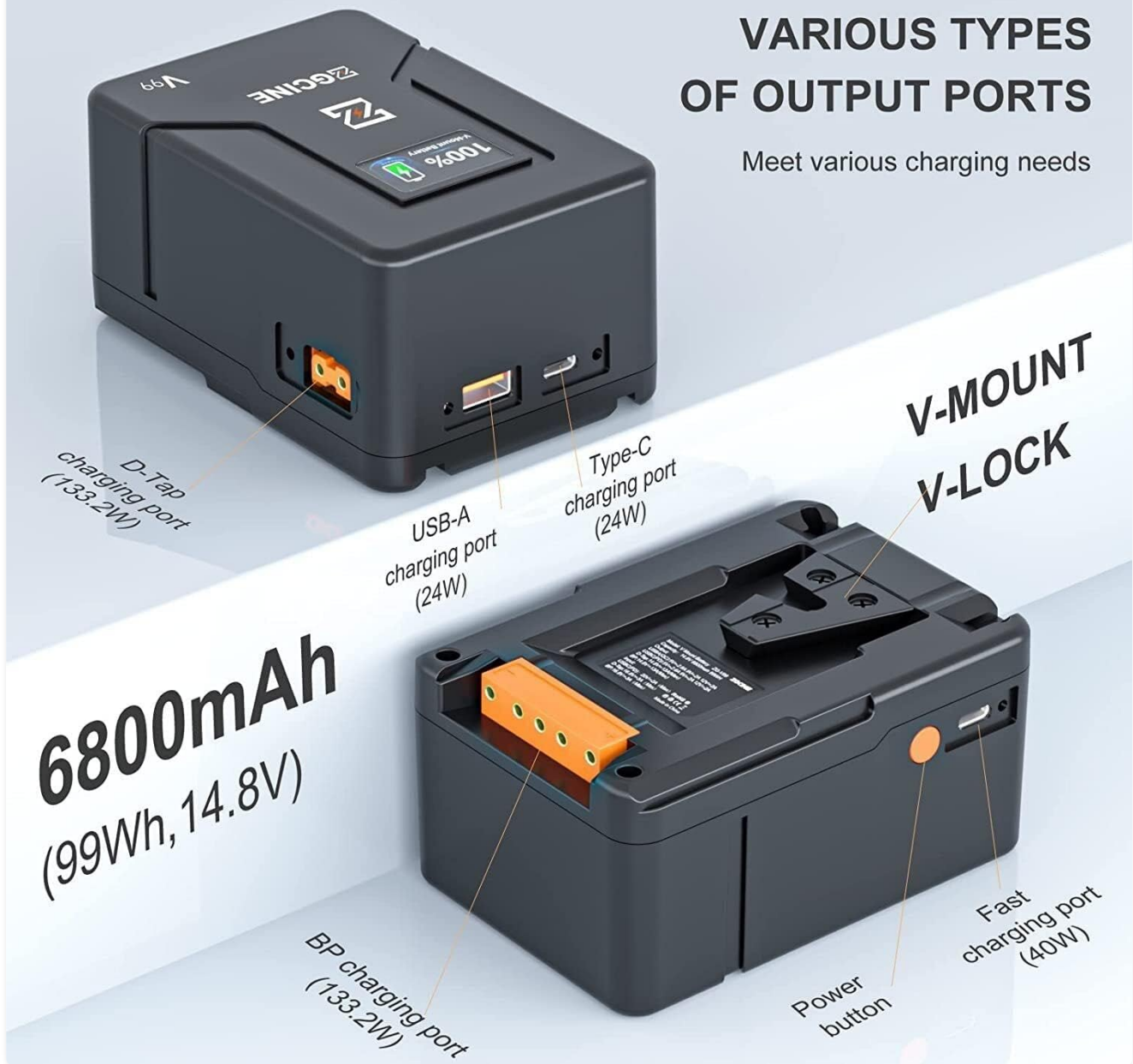


Image 5.3: Detailed view of the ZG-V99's various input/output ports.

6. OPERATION

6.1 Powering On/Off

To power on the battery, press and hold the power button located on the side. The OLED display will illuminate. To power off, press and hold the power button again until the display turns off.

6.2 Using Output Ports

Once the battery is powered on, connect your devices to the appropriate output ports (D-Tap, BP, USB-C, USB-A). The battery can supply power to multiple devices simultaneously.

Suitable for multiple application scenarios

It can power mobile phones, Laptop, photography lights, cameras.....



Image 6.1: The ZG-V99 battery powering a laptop and a smartphone simultaneously.

6.3 OLED Display Information

The integrated OLED display provides real-time information about the battery's status, including:

- Current battery percentage.
- Charging status (when connected to a charger).
- Output status (when powering devices).

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ZG-V99 battery:

- **Cleaning:** Use a soft, dry cloth to clean the battery's exterior. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to keep the battery charged to approximately 50-70%.

- **Charging Cycles:** Avoid fully discharging the battery frequently, as this can reduce its overall lifespan.
- **Port Protection:** Keep the dust-proof caps on unused ports to prevent dust and debris accumulation.

8. TROUBLESHOOTING

If you encounter issues with your ZGCINE ZG-V99 battery, refer to the following table:

Problem	Possible Cause	Solution
Battery not charging	Incompatible charger; Loose connection; Faulty cable/charger	Ensure using a PD 45W/60W USB-C charger. Check all connections. Try a different cable or charger.
Battery not powering devices	Battery is off; Low battery level; Device incompatibility; Loose connection	Press the power button to turn on. Charge the battery. Verify device compatibility. Check cable connections.
OLED display not working	Battery is off; Malfunction	Press the power button. If still unresponsive, contact customer support.
Battery overheating	Overload; Poor ventilation; Environmental temperature too high	Disconnect devices immediately. Allow battery to cool down. Ensure proper ventilation. Avoid use in high ambient temperatures.

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 9.1: Official product video showcasing the ZGCINE ZG-V99 V-Mount Battery's features, ports, and mounting process on a camera rig.

10. WARRANTY AND SUPPORT

The ZGCINE ZG-V99 V-Mount Battery comes with a **1-Year Manufacturer Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by misuse, abuse, accident, or neglect.
- Unauthorized repairs or modifications.
- Normal wear and tear.

For warranty claims or technical support, please contact ZGCINE customer service through your retailer or the official ZGCINE website. Please have your proof of purchase and product model number ready.