ZGCINE S200

ZGCINE S200 V-Mount Battery User Manual

Model: S200 | Brand: ZGCINE

1. INTRODUCTION

Thank you for choosing the ZGCINE S200 V-Mount Battery. This high-capacity 199Wh/14.8V battery is designed to provide reliable power for professional video cameras, camcorders, and other compatible devices. It features multiple output ports, including Dual DC, USB-C PD, Dual D-TAP, and a BP Interface, allowing simultaneous power delivery to various equipment. This manual provides essential information for safe and efficient operation, setup, maintenance, and troubleshooting.

2. SAFETY INFORMATION

- Do not disassemble, open, or shred the battery pack.
- Do not expose the battery to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery.
- Do not expose the battery to mechanical shock.
- In case of a battery leak, do not allow the liquid to come into contact with skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep the battery clean and dry.
- Do not use any charger other than that specifically provided for use with the equipment.
- Dispose of the battery properly according to local regulations.

Image: The ZGCINE S200 V-Mount Battery highlighting its built-in protection features including overcurrent, overpower, overvoltage, overcharge, short circuit, temperature, reset, and circuit protection.

3. PRODUCT OVERVIEW

The ZGCINE S200 V-Mount Battery is designed with a compact form factor and robust construction, featuring an aluminum alloy V-lock mount and an ABS cover for durability. It includes various input and output ports to meet diverse power requirements.

3.1 Port Layout and Indicators

V-MOUNT BATTERY S200

High Built Quality
For Long Time Use

14.8ᵥ
199.8ₘₕ

OVERCURRENT PROTECTION · OVER POWER PROTECTION · OVERVOLTAGE PROTECTION · OVERCHARGE PROTECTION · SHORT CIRCUIT PROTECTION · TEMPERATURE PROTECTION · RESET PROTECTION · CIRCUIT PROTECTION

Image: Top and side views of the ZGCINE S200 V-Mount Battery, clearly labeling all input and output ports including D-Tap, DC (8.4V/12V), USB-C PD, and the V-mount interface. Input/Output specifications are also shown.

- **D-Tap Ports:** Two D-Tap ports for input and output (Input: 16.8V/3A Max, Output: 14.8V/13A Max).

- **DC Output Ports:** Two DC output ports (8.4V/3A and 12V/3A).

- **USB-C PD Port:** Bi-directional USB-C Power Delivery port for both input and output (Input: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A Max; Output: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A Max).

- **BP Interface:** For additional power output.

- **Power Button:** Activates the battery and checks charge status.

- **LED Indicators:** Five LED lights indicate the remaining battery capacity (20%, 40%, 60%, 80%, 100%).

20% Power ▯
40% Power ▯ ▯
60% Power ▯ ▯ ▯
80% Power ▯ ▯ ▯ ▯
100% Power ▯ ▯ ▯ ▯ ▯

PD IN/OUT

PD OUT

12V OUT

8.4V OUT

Output:5V/3A 9V/3A 12V/3A
15V/3A 20V/3.25A
Input:5V/3A 9V/3A 12V/3A
15V/3A 20V/5A

Output:5V/3A 9V/3A
12V/3A 15V/3A 20V/3.25A

Output:12V/3A

Output:14.8V/13A(Max)
Input:16.8V/3A(Max)

Output:8.4V/3A

Output:14.8V/13A(Max)
Input:16.8V/3A(Max)

Image: A close-up view of the ZGCINE S200 V-Mount Battery's top panel, showing the LED power indicators and the various output ports with their respective voltage and amperage ratings.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the ZGCINE S200 battery. Charging can be done via the USB-C PD port or a D-Tap charger. A 100W USB-C PD charger can fully charge the battery in approximately 3.5 hours.

It only takes 3.5hrs to make the battery fully charged through a 100W charger

USB-C PD Output:
5V/3A 9V/3A 12V/3A 15V/3A 20V/5A

Image: The ZGCINE S200 V-Mount Battery connected to a wall charger via its USB-C PD port, illustrating the fast-charging capability.

4.2 Mounting the Battery

To mount the battery, align the V-mount plate on your camera rig or accessory with the V-lock mechanism on the battery. Slide the battery onto the plate until it clicks securely into place. To release, press the release button on the V-mount plate and slide the battery off.

5. OPERATING INSTRUCTIONS

5.1 Checking Battery Status

Press the power button on the side of the battery. The five LED indicators will illuminate to show the current charge level:

- 1 LED: 0-20%
- 2 LEDs: 20-40%
- 3 LEDs: 40-60%
- 4 LEDs: 60-80%
- 5 LEDs: 80-100%

5.2 Powering Devices

Connect your camera, camcorder, LED light, monitor, or other compatible devices to the appropriate output port on the ZGCINE S200 battery. The battery supports simultaneous power delivery to multiple devices.

- **USB-C PD:** Use a USB-C to USB-C cable to power devices like the Sony FX3, BMPCC 4K/6K Pro, or charge smartphones/tablets.

- **D-Tap:** Connect D-Tap compatible accessories such as LED lights or monitors.

- **DC Outputs:** Use the 8.4V or 12V DC outputs for devices requiring these specific voltages.

Image: A user holding a camera rig with the ZGCINE S200 V-Mount Battery attached, demonstrating its use in a portable setup.

Image: Illustrations showing the ZGCINE S200 V-Mount Battery connected to a studio LED light, a camera rig, a laptop, and a smartphone, demonstrating its wide compatibility.

6. MAINTENANCE

6.1 Storage

When storing the battery for extended periods, ensure it is charged to approximately 50-70% capacity. Store in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing fully charged or completely depleted batteries for long durations.

6.2 Cleaning

Clean the battery's exterior and contact points with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure all ports are free from dust and debris.

6.3 Battery Care Tips

- Avoid deep discharges; recharge the battery before it is completely depleted.
- Do not expose the battery to extreme hot or cold environments.

- Regularly check the battery for any signs of damage or swelling. Discontinue use if any abnormalities are observed.

7. TROUBLESHOOTING

- **Battery not charging:**
  - Ensure the charging cable and adapter are securely connected and functional.
  - Verify that the power source is active.
  - Try a different charging port (USB-C PD or D-Tap) or charger.

- **Battery not powering devices:**
  - Check if the battery has sufficient charge.
  - Ensure the device is compatible with the output voltage and current of the selected port.
  - Verify that the connection cables are secure and undamaged.
  - Press the power button to activate the battery's output.

- **LED indicators not working:**
  - Press the power button firmly. If indicators still do not light up, the battery may be completely depleted or require service.

If you encounter issues not covered here, please contact ZGCINE customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	S200
Battery Capacity	199Wh / 14.8V
Battery Cell Composition	Lithium Ion
Product Dimensions	3.5 x 3.1 x 5.1 inches (8.9 x 7.9 x 13 cm)
Item Weight	2.4 pounds (1.09 kg)
USB-C PD Input/Output	Input: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (Max 100W) Output: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A (Max 65W)
D-Tap Input/Output	Input: 16.8V/3A (Max) Output: 14.8V/13A (Max)
DC Output	8.4V/3A, 12V/3A
Recommended Uses	Camcorder, Camera, LED Light, Monitor, Smartphone, Tablet
Manufacturer	ZGCINE

9. WARRANTY AND SUPPORT

ZGCINE products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ZGCINE website. For technical support, troubleshooting assistance, or warranty claims, please contact ZGCINE customer service through their official channels.

Contact Information: Please refer to the ZGCINE official website or product packaging for the most up-to-date customer support contact details.