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› PowerTrust PG1050 Battery and 3-Slot USB Charger User Manual

PowerTrust PG1050

PowerTrust PG1050 Battery and 3-Slot USB Charger User Manual

Model: PG1050

1. INTRODUCTION

This manual provides instructions for the PowerTrust PG1050 rechargeable lithium-ion batteries and the accompanying 3-slot LED USB charger. This product is designed to provide reliable power for various action cameras, including models from SJCAM and EKEN. Please read this manual thoroughly before use to ensure proper operation and longevity of your product.

Package Contents

- 3 x PowerTrust PG1050 Rechargeable Lithium-Ion Batteries
- 1 x LED 3-Slot USB Battery Charger
- 1 x USB Charging Cable
- 1 x User Manual (this document)



Image: The PowerTrust 3-slot USB charger with three PG1050 batteries inserted, displaying their charge status on the integrated LED screen.

2. SETUP

Follow these steps to set up your PowerTrust PG1050 battery charger for the first time.

1. **Unpack the Components:** Carefully remove the charger, batteries, and USB cable from their packaging.
2. **Connect the Charger:** Insert the small end of the provided USB cable into the micro USB port on the side of the 3-slot charger. Connect the larger end of the USB cable to a compatible USB power source, such as a USB wall adapter, computer USB port, car charger, or power bank. The charger's LED screen will illuminate.
3. **Insert Batteries:** Align the metal contacts of the PG1050 batteries with the contacts inside the charger slots (CH1, CH2, CH3). Gently push each battery into a slot until it is securely seated. Ensure the battery is inserted correctly; improper insertion may prevent charging.



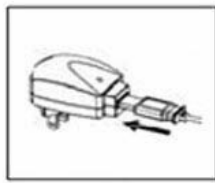
Image: The PowerTrust 3-slot USB charger, showing the empty battery slots and the micro USB input port.

Compatible with multiple input sources

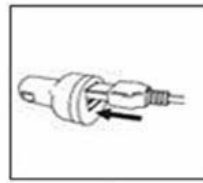
Can be charged by USB adapter, power bank, laptop, car charger or other devices with USB port, perfect for outdoor power supply.



Laptop



USB adapter



Car Charger



Power Bank

Image: The PowerTrust charger demonstrating compatibility with multiple USB input sources, including laptops, USB wall adapters, car chargers, and power banks.

3. OPERATING INSTRUCTIONS

Charging Batteries

Once batteries are inserted and the charger is connected to a power source, the LED indicators on the charger will display the charging status for each battery independently.

- **Charging Indication:** The LED screen will show a battery icon with segments filling up, indicating the current charge level. During charging, the segments will typically animate or flash.
- **Fully Charged Indication:** When a battery is fully charged, its corresponding battery icon on the LED screen will show all segments filled and remain static.
- **Simultaneous Charging:** The charger is designed to charge up to three batteries simultaneously and independently.



Image: The PowerTrust 3-slot USB charger with two batteries inserted, displaying their individual charge levels.

Battery Compatibility

The PG1050 batteries are compatible with a range of action cameras. Refer to your camera's manual for specific battery requirements. Known compatible models include:

- **SJCAM Series:** SJ4000, SJ4000WIFI, SJ5000, SJ5000PLUS, SJ6000 WIFI, M10, SJ7000, SJ8000, SJ9000, SJ4000 Air 4K, SJ5000x Elite
- **EKEN Series:** H8, H8R, H9, H8 PLUS
- **GIT Series:** GIT-LB101
- **Apeman Series:** A80, A70, A60 4K
- And other cameras using PG1050 type batteries.

4. MAINTENANCE AND SAFETY

General Care

- **Cleaning:** Use a soft, dry cloth to clean the charger and batteries. Do not use liquid cleaners or solvents.
- **Storage:** Store batteries and charger in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store batteries with a partial charge (around 50%).
- **Handling:** Avoid dropping or subjecting batteries and charger to strong impacts.

Safety Precautions

- **Overheat and Overcharge Protection:** The charger is equipped with built-in protection mechanisms to prevent overheating and overcharging, ensuring battery safety.
- **Use Only Specified Batteries:** Only use PowerTrust PG1050 batteries or equivalent compatible batteries with this charger.
- **Avoid Short Circuits:** Do not short-circuit battery terminals.
- **Do Not Disassemble:** Do not attempt to disassemble the batteries or charger.
- **Temperature:** Do not expose batteries to fire or excessive heat (above 60°C / 140°F).
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of them in household waste.



Image: Close-up of two PG1050 batteries, displaying their specifications and safety warnings, including "Caution: Charge only with specified charger, Don't dispose of fire, Don't store at temperature over 60 C, Don't disassemble."

5. TROUBLESHOOTING

If you encounter issues with your PowerTrust PG1050 batteries or charger, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Batteries not charging / Charger LED not illuminating.	- Loose USB cable connection. - Faulty USB power source. - Battery not properly seated in the slot. - Damaged USB cable or charger.	- Ensure the USB cable is securely connected to both the charger and the power source. - Try a different USB power source (e.g., another wall adapter, computer port). - Remove and re-insert the battery, ensuring it clicks into place and contacts are aligned. - Try a different USB cable. If the issue persists, the charger or cable may be faulty.
Battery icon on LED screen shows full, but battery life is short in camera.	- Battery degradation due to age or usage. - Camera power consumption is high.	- Lithium-ion batteries naturally degrade over time. Consider replacing older batteries. - Ensure camera settings are optimized for battery life if possible.
Charger feels warm during operation.	Normal during charging.	This is normal. If the charger becomes excessively hot or emits smoke/odor, disconnect it immediately and cease use.

6. SPECIFICATIONS

PG1050 Battery

- Model:** PG1050
- Battery Type:** Lithium-Ion
- Capacity:** 1180mAh
- Voltage:** 3.7V
- Energy:** 4.36Wh



Image: Three PowerTrust PG1050 batteries, ready for use or charging.

3-Slot USB Charger

- **Input:** Micro USB (typically 5V)
- **Output:** 4.2V (per slot)
- **Charging Slots:** 3 independent slots
- **Indicators:** Smart LED for individual battery status
- **Protection:** Overheat and overcharge protection

General Product Dimensions

- **Package Dimensions:** 4.88 x 3.39 x 2.01 inches
- **Item Weight:** 5.68 ounces (including batteries)

7. WARRANTY AND SUPPORT

PowerTrust products are designed and manufactured to high-quality standards. This product is CE certified and tested by the manufacturer to ensure compatibility and safety.

For any questions, technical support, or warranty inquiries, please contact PowerTrust customer service through the retailer where the product was purchased or visit the official PowerTrust website for contact information.

