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Parkside PAP 20 B1 + PLG 20 C1

Parkside 20V Battery Kit with 2Ah Battery and 2.4A Charger User Manual

Models: PAP 20 B1 (Battery), PLG 20 C1 (Charger)

Introduction

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Parkside 20V Battery Kit, which includes the PAP 20 B1 2Ah Lithium-Ion Battery and the PLG 20 C1 2.4A Charger. Please read this manual thoroughly before first use and keep it for future reference.

Safety Instructions

Always observe the following safety precautions to prevent electric shock, fire, or serious injury.

General Safety

- Keep the charger and battery away from moisture and rain.
- Do not use the charger or battery if they are damaged.
- Ensure proper ventilation during charging.
- Only use original Parkside accessories and replacement parts.
- Keep out of reach of children.

Battery Safety (PAP 20 B1)

- Do not short-circuit the battery terminals.
- Do not expose the battery to extreme temperatures (above 50°C or below 0°C).
- Do not dispose of batteries in fire.
- If the battery is damaged or leaking, avoid contact with skin and eyes. Seek medical attention if contact occurs.
- Only charge the battery with the specified Parkside charger.

Charger Safety (PLG 20 C1)

- Do not operate the charger with a damaged cord or plug.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Do not attempt to charge non-rechargeable batteries.
- The charger is designed for indoor use only.

Product Overview

Components

- 1 x Parkside 20V 2Ah Lithium-Ion Battery (PAP 20 B1)
- 1 x Parkside 2.4A Charger (PLG 20 C1)

Technical Specifications

Battery (PAP 20 B1)

Feature	Specification
Nominal Voltage	20 V
Capacity	2 Ah
Max. Charge Current	Approx. 4 A
Battery Type	Lithium-ion
Dimensions (L x W x H)	Approx. 12.7 x 5.2 x 8.4 cm
Weight	Approx. 440 g
Features	3-level status indicator, cell balancing
Compatibility	All PARKSIDE X 20 V Team series devices

Charger (PLG 20 C1)

Feature	Specification
Power Supply	Approx. 230-240 V / 50 Hz
Rated Current	2.4 A
Rated Power	Approx. 65 W
Charging Time (2Ah battery)	Approx. 60 min
Charging Time (4Ah battery)	Approx. 120 min
Charging Time (8Ah battery)	Approx. 240 min
Power Cable Length	Approx. 2 m
Dimensions (L x W x H)	Approx. 13.8 x 9.1 x 6.8 cm
Weight	Approx. 315 g
Features	LED charge indicator, automatic charge stop, non-slip rubber feet, wall mounting capability



Figure 1: Parkside 20V 2Ah Battery (PAP 20 B1) and 2.4A Charger (PLG 20 C1) in charging configuration. This image displays the Parkside 20V 2Ah lithium-ion battery (PAP 20 B1) securely seated in its 2.4A charger (PLG 20 C1). The battery features a prominent red and black design with the 'X 20V TEAM' logo. Visible on the battery are three green LED indicator lights, signifying the charge status, alongside a battery icon. The charger, also black, has a ribbed surface for ventilation and stability. This setup illustrates the product during a typical charging operation.

Setup

Unpacking

Carefully remove all components from the packaging. Inspect them for any signs of damage. Dispose of packaging materials responsibly.

Initial Charging

Before first use, fully charge the battery. Refer to the "Charging the Battery" section for detailed instructions.

Operating

Charging the Battery

1. Connect the charger (PLG 20 C1) to a suitable power outlet (230-240 V / 50 Hz). The charger's LED indicator will light up, typically green, indicating it is ready.

2. Slide the Parkside 20V battery (PAP 20 B1) onto the charger until it clicks into place.
3. The charger's LED indicator will change color (e.g., red or flashing green) to indicate that charging is in progress. The battery's 3-level status indicator will also show the current charge level.
4. Once the battery is fully charged, the charger's LED indicator will typically turn solid green, and the charging process will automatically stop.
5. Remove the battery from the charger by pressing the release button (if present) and sliding it off.

Note: Charging times vary based on battery capacity. A 2Ah battery takes approximately 60 minutes to fully charge.

Using the Battery

1. Ensure the battery is fully charged before use.
2. Align the battery with the battery slot on your compatible Parkside X 20 V Team device.
3. Slide the battery into the device until it clicks securely into place.
4. To check the battery's charge level during use, press the battery status button on the battery itself. The LED indicators will illuminate to show the remaining charge.
5. To remove the battery, press the battery release button on the device and slide the battery out.

Maintenance

Cleaning

- Always disconnect the charger from the power supply before cleaning.
- Use a dry, soft cloth to wipe down the battery and charger.
- Do not use abrasive cleaners or solvents.
- Keep the ventilation slots on the charger free from dust and debris.

Storage

- Store the battery and charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store the battery with a partial charge (around 50%).
- Do not store the battery fully discharged, as this can reduce its lifespan.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty power outlet; battery not properly seated; damaged battery or charger.	Check power connection; try a different outlet; re-seat battery; inspect battery and charger for damage. If damaged, do not use.
Charger LED not indicating charge	Battery fully charged; charger malfunction.	Check battery status on the battery itself; if battery is not full and charger is not indicating, contact support.
Battery not fitting into tool	Incorrect battery type for tool; debris in tool's battery slot.	Ensure tool is compatible with Parkside X 20 V Team batteries; clean battery slot.
Battery quickly discharges	Battery nearing end of lifespan; extreme operating temperatures.	Consider replacing battery; operate within recommended temperature ranges.

Warranty and Support

This product comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, spare parts, or warranty claims, please contact your local Parkside service center or the retailer where the product was purchased. Keep your proof of purchase for warranty purposes.

Note: Information regarding software updates or specific spare parts availability was not provided at the time of manual creation. Please consult the manufacturer's official website or customer service for the most current information.

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