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› Parkside Performance 20 V 12 Ah Smart Battery PAPS 2012 Instruction Manual

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Model: PAPS 2012 12Ah

1. PRODUCT OVERVIEW

The Parkside Performance 20 V 12 Ah Smart Battery PAPS 2012 is a high-capacity lithium-ion battery designed for use with all tools in the PARKSIDE X 20V Team series. This smart battery features advanced technology for enhanced performance, extended runtime, and intelligent monitoring capabilities via the Parkside app.



Image 1: Two Parkside Performance 20 V 12 Ah Smart Batteries. Each battery is black with red accents, featuring a Bluetooth logo and "Parkside Performance 12 Ah" text.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions when handling and using the battery:

- Do not short-circuit the battery terminals.
- Do not expose the battery to extreme temperatures (above 50°C or below -10°C) or direct sunlight.
- Do not immerse the battery in water or other liquids.
- Keep the battery away from children and pets.
- Do not open, disassemble, or modify the battery.
- If the battery is damaged, leaking, or shows signs of overheating, discontinue use immediately and dispose of it properly.
- Use only chargers specified by Parkside for charging this battery.

2.1 Battery Disposal

Batteries must not be disposed of with household waste. Consumers are legally obliged to return used batteries to designated collection points to ensure environmentally sound disposal. The symbol of a crossed-out wheeled bin indicates that batteries must not be disposed of in household waste.

Batteries containing more than 0.0005 percent mercury by mass, more than 0.002 percent cadmium by mass, or more than 0.004 percent lead by mass are marked with the chemical symbols of the respective heavy metals (Cd for cadmium, Pb for lead, Hg for mercury).

Hinweis zur Entsorgung von Altbatterien

Der nachfolgende Hinweis richtet sich an diejenigen, die Batterien oder Produkte mit eingebauten Batterien nutzen und in der an sie gelieferten Form nicht mehr weiterveräußern (Endnutzer):

1. Unentgeltliche Rücknahme von Altbatterien

Batterien dürfen nicht über den Hausmüll entsorgt werden. Sie sind zur Rückgabe von Altbatterien gesetzlich verpflichtet, damit eine fachgerechte Entsorgung gewährleistet werden kann. Sie können Altbatterien an einer kommunalen Sammelstelle oder im Handel vor Ort abgeben. Auch wir sind als Vertreiber von Batterien zur Rücknahme von Altbatterien verpflichtet, wobei sich unsere Rücknahmeverpflichtung auf Altbatterien der Art beschränkt, die wir als Neubatterien in unserem Sortiment führen oder geführt haben. Altbatterien vorgenannter Art können Sie daher entweder ausreichend frankiert an uns zurücksenden oder sie direkt an unserem Versandlager unter der im Impressum genannten Adresse unentgeltlich abgeben.

2. Bedeutung der Batteriesymbole

Batterien sind mit dem Symbol einer durchgekreuzten Mülltonne (s. u.) gekennzeichnet. Dieses Symbol weist darauf hin, dass Batterien nicht in den Hausmüll gegeben werden dürfen. Bei Batterien, die mehr als 0,0005 Masseprozent Quecksilber, mehr als 0,002 Masseprozent Cadmium oder mehr als 0,004 Masseprozent Blei enthalten, befindet sich unter dem Mülltonnen-Symbol die chemische Bezeichnung des jeweils eingesetzten Schadstoffes – dabei steht "Cd" für Cadmium, "Pb" steht für Blei, und "Hg" für Quecksilber.



DE: Getrennte Ausweisung der Herstellerrkosten für Batterien: 1,58 €
IRL: Separate disclosure of manufacturer costs for batteries: €1.58
FR: Divulgateion séparée des coûts du fabricant pour les batteries : 1,58 €
IT: Divulgazione separata dei costi del produttore per le batterie: € 1,58
NLD: Afzonderlijke openbaarmaking van de productiekosten voor batterijen: € 1,58
PL: Oddzielne ujawnienie kosztów producenta baterii: 6,73 PLN
SWE: Separat upplysning om tillverkarkostnader för batterier: 1,58 €
ESP: Divulgación separada de los costes de fabricación de las baterías: 1,58 €

Image 2: Battery disposal symbol (crossed-out wheeled bin) and multilingual information regarding battery recycling and environmental fees.

3. PACKAGE CONTENTS

The package includes:

- 2 x Parkside Performance 20 V 12 Ah Smart Batteries (PAPS 2012)
- *Note: The charger is not included and must be purchased separately.*



Image 3: Packaging box for the Parkside Performance 20 V 12 Ah Smart Battery, highlighting key features and a 3-year warranty.

4. PRODUCT FEATURES

- **Powerful Lithium-Ion Technology:** Utilizes 21700 cells for high performance.
- **Smart Battery Functionality:** Retrieve battery data and configure power parameters via Bluetooth using the Parkside app.
- **Adjustable Modes:** Select from Performance, Balanced, Eco, and Expert modes to optimize power and runtime for different tasks.
- **Battery Monitoring:** Access real-time data on charge status, remaining runtime, charging time, total usage duration, and more.
- **Cell Balancing:** Ensures uniform cell stress for extended battery life and durability.
- **Enhanced Performance:** Offers 200% more runtime and 160% higher discharge currents compared to the Parkside 20 V/4 Ah PAP 20 B3 battery.
- **Compatibility:** Fully compatible with all devices in the PARKSIDE X 20V Team series.
- **LED Charge Indicator:** Three-LED indicator (red/orange/green) for quick status checks.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the battery using a compatible Parkside 20V charger (not included).

Refer to your charger's instruction manual for specific charging procedures.

5.2 Connecting to the Parkside App

1. Download the official Parkside app from your device's app store.
2. Ensure Bluetooth is enabled on your smartphone or tablet.
3. Turn on the Parkside tool with the smart battery inserted, or activate the battery if it has a power button.
4. Open the Parkside app and follow the on-screen instructions to pair your smart battery via Bluetooth.
5. Once connected, you can access battery data and configure settings.

6. OPERATING INSTRUCTIONS

6.1 Using the Parkside App

The Parkside app provides detailed information and control over your smart battery:

- **Battery Status:** View current charge level, estimated remaining runtime, and charging progress.
- **Power Modes:** Switch between Performance, Balanced, Eco, and Expert modes.
 - *Performance:* Maximum power output for demanding tasks.
 - *Balanced:* Optimal balance between power and runtime for general use.
 - *Eco:* Extended runtime for lighter tasks, conserving battery life.
 - *Expert:* Advanced settings for experienced users to fine-tune parameters.
- **Historical Data:** Review total usage duration and other performance metrics.

6.2 LED Charge Indicator

The battery features a three-LED indicator to show the approximate charge level:

- **Green:** High charge level.
- **Orange:** Medium charge level.
- **Red:** Low charge level, recharge soon.
- *Note: Specific flashing patterns or combinations may indicate errors; refer to the app for detailed diagnostics.*

7. MAINTENANCE

- **Cleaning:** Keep the battery contacts clean and free from dust and debris. Use a dry cloth for cleaning.
- **Storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store the battery at approximately 50% charge.
- **Cell Balancing:** The integrated cell balancing function helps maintain the health and longevity of the battery cells. Regular use and charging cycles contribute to this process.

8. TROUBLESHOOTING

If you encounter issues with your Parkside Smart Battery, consider the following:

- **Battery Not Charging:**

- Ensure the charger is properly connected to a power source and the battery.
- Verify that the charger is compatible with Parkside 20V batteries.
- Check for any damage to the battery or charger.

- **Battery Not Connecting to App:**

- Ensure Bluetooth is enabled on your mobile device.
- Make sure the battery is sufficiently charged and within Bluetooth range.
- Restart the Parkside app and try pairing again.
- Check if the app requires an update.

- **Reduced Runtime/Power:**

- Ensure the battery is fully charged.
- Check the selected power mode in the app; switch to Performance mode for maximum power.
- Verify that the tool itself is functioning correctly.

For persistent issues, refer to the Parkside app for detailed diagnostics or contact customer support.

9. SPECIFICATIONS

Feature	Specification
Product Type	Smart Battery
Model	PAPS 2012 12Ah
Nominal Voltage	20 V
Capacity	12 Ah
Energy	240 Wh
Battery Cell Type	Lithium-ion (21700 cells)
Number of Cells	15
Charge Indicator	3-LED (Red/Orange/Green)
Connectivity	Bluetooth (via Parkside App)
Material	Plastic
Dimensions (approx.)	126 x 100 x 84 mm
Weight (approx. per battery)	1430 g (1.43 kg)
Compatibility	PARKSIDE X 20V Team series

10. WARRANTY

This Parkside Performance 20 V 12 Ah Smart Battery PAPS 2012 comes with a **3-year warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials

and workmanship under normal use. It does not cover damage resulting from misuse, accidents, unauthorized repairs, or normal wear and tear.

11. SUPPORT

For technical support, warranty claims, or further assistance, please contact the retailer or the manufacturer's customer service. You may also find additional resources and FAQs on the official Parkside website or within the Parkside app.

For information regarding the Parkside app, please visit: www.parkside-diy.com