

Grizzly Tools 351757

Parkside PLG 20 A1 Charger User Manual

Model: 351757 | Brand: Grizzly Tools

1. PRODUCT OVERVIEW

The Parkside PLG 20 A1 is a replacement charger designed for the Parkside PHSA 20-Li A1 cordless hedge trimmer, identified by LIDL IAN 351757. This charger features an automatic charging circuit and a two-light LED indicator system for monitoring the charging status. It offers a convenient quick charge function, capable of fully charging a compatible battery in approximately 60 minutes.



Image: Front view of the Parkside PLG 20 A1 charger, showing the battery slot, LED indicators, and power cable.

Key Features:

- Parkside PLG 20 A1 20V Series Replacement Charger
- Specifically designed for Parkside PHSA 20-Li A1 cordless hedge trimmer (LIDL IAN 351757)
- Equipped with an automatic charging circuit
- Features an LED charging indicator with two distinct lights
- Includes a quick charge function, enabling full battery charge in approximately 60 minutes

2. SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before using the charger. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Indoor Use Only:** This charger is designed for indoor use in dry conditions. Do not expose the charger to rain or wet conditions.
- **Ventilation:** Ensure adequate ventilation around the charger during operation. Do not cover the charger.
- **Compatible Batteries:** Only charge batteries specifically designed for this charger (Parkside 20V series, e.g., PAP 20 A1/A2/A3). Charging other types of batteries may cause personal injury and damage.
- **Damaged Charger/Cable:** Do not use the charger if the power cord or plug is damaged. Have it repaired by a qualified professional.
- **Children and Pets:** Keep the charger and battery out of reach of children and pets.
- **Unplug When Not In Use:** Always unplug the charger from the power outlet when not in use or before cleaning.
- **Avoid Short Circuits:** Do not short-circuit the battery terminals.
- **Temperature:** Do not charge batteries in extremely hot or cold environments. The optimal charging temperature is typically between 10°C and 40°C.

3. SETUP

Setting up your Parkside PLG 20 A1 charger is straightforward. Follow these steps to prepare for charging:

1. **Unpack:** Carefully remove the charger from its packaging. Inspect it for any signs of damage.
2. **Placement:** Place the charger on a stable, flat, and dry surface. Ensure there is sufficient space around the charger for ventilation.
3. **Power Connection:** Insert the charger's power plug into a suitable 230-240V AC, 50Hz power outlet.
4. **Initial Indicator Check:** Upon connecting to power, the red LED indicator on the charger should illuminate, indicating that the charger is ready for use.

4. OPERATING INSTRUCTIONS

This section details how to use your Parkside PLG 20 A1 charger to charge compatible 20V batteries.

Charging a Battery:

1. **Insert Battery:** Align the battery with the charging slot on the charger. Gently slide the battery into the slot until it clicks securely into place.
2. **Monitor Charging:** Once the battery is correctly inserted, the green LED indicator will begin to flash, signifying that the battery is actively charging. The red LED will remain illuminated.
3. **Charging Complete:** When the battery is fully charged, the green LED indicator will stop flashing and remain steadily illuminated. The red LED will turn off.
4. **Remove Battery:** Once charging is complete, press the release button (if present on your battery) and slide the battery out of the charger.
5. **Unplug Charger:** Disconnect the charger from the power outlet when not in use.

LED Indicator Meanings:



Image: Close-up view of the green and red LED indicators on the Parkside PLG 20 A1 charger, showing their positions.

Green LED	Red LED	Status
Off	Solid On	Charger connected to power, no battery inserted or battery fault.
Flashing	Solid On	Battery is charging.
Solid On	Off	Battery is fully charged.
Off	Flashing	Battery or charger fault (e.g., battery too hot/cold, defective battery). Remove battery and allow to cool, then re-insert. If issue persists, battery or charger may be faulty.

5. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charger.

- Cleaning:** Disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use abrasive cleaners or solvents.
- Avoid Moisture:** Never immerse the charger in water or any other liquid.
- Storage:** Store the charger in a dry, well-ventilated area, away from direct sunlight and extreme temperatures. When storing for extended periods, ensure the charger is unplugged.
- Inspect Cables:** Periodically inspect the power cord and plug for any signs of damage, fraying, or kinks. If damaged, do not use the charger and seek professional repair.

6. TROUBLESHOOTING

If you encounter issues with your charger, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Charger not powering on (no LEDs)	No power from outlet; loose connection; damaged charger/cable.	Check power outlet with another device. Ensure plug is fully inserted. Inspect cable for damage; if damaged, do not use.
Battery not charging (Green LED not flashing)	Battery not properly inserted; battery too hot/cold; faulty battery; faulty charger.	Re-insert battery firmly. Allow battery to reach room temperature (10-40°C). Test with another compatible battery if available. If problem persists, contact support.
Red LED flashing	Battery fault (e.g., over-temperature, under-voltage, defective cell).	Remove battery and allow it to cool down. Re-insert. If the issue persists, the battery may be faulty and require replacement.
Charging takes longer than 60 minutes	Battery capacity is higher than standard; battery is very deeply discharged; battery is aging.	This can be normal for certain battery conditions. Ensure the battery is a genuine Parkside 20V battery. If charging time becomes excessively long or battery performance degrades significantly, consider battery replacement.

7. SPECIFICATIONS

Detailed technical specifications for the Parkside PLG 20 A1 Charger.





Image: View of the charger's bottom label, displaying detailed electrical specifications and certifications.

Specification	Value
Model Number	351757
Manufacturer	Grizzly Tools
Part Number	IAN-100375235-4
Input Voltage	230-240 V~, 50 Hz
Output Voltage	21.5 V
Output Current	2.4 A
Power Consumption	65 W
Product Dimensions (L x W x H)	15 x 15 x 15 cm
Item Weight	460 g
Power Source	Battery Powered (charger itself is mains powered)

Specification	Value
Certification	CE
Compatible Battery Type	Lithium (Parkside 20V series, e.g., PAP 20 A1/A2/A3)

8. WARRANTY AND SUPPORT

For warranty claims, technical support, or service inquiries, please contact the manufacturer or authorized service center.

- **Manufacturer:** Grizzly Tools GmbH & Co. KG
- **Address:** Stockstädter Straße 20, DE-63762 Großostheim, GERMANY
- **Website for Service:** www.grizzly-service.eu
- **Certification:** CE certified.

Please retain your proof of purchase for any warranty claims.

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