

Einhell 3410585

Einhell GC-HH 18/45 Li T-Solo Power X-Change Battery Hedge Trimmer User Manual

Brand: Einhell | Model: 3410585

1. PRODUCT OVERVIEW

The Einhell GC-HH 18/45 Li T-Solo is a battery-powered telescopic hedge trimmer designed for efficient and ergonomic hedge maintenance. It is part of the Einhell Power X-Change system, allowing for interchangeable use of 18V lithium-ion batteries across various tools.



Figure 1: Full view of the Einhell GC-HH 18/45 Li T-Solo Battery Hedge Trimmer.

Key Features:

- **Power X-Change System:** Compatible with all 18V Power X-Change lithium-ion batteries.
- **High-Quality Blades:** Laser-cut and diamond-sharpened steel blades for precise cutting. Maximum cutting length of 410mm at 1,400 cuts per minute.
- **Adjustable Motor Head:** Motor head can be tilted to 7 positions for versatile use.

- **Rotating Main Grip:** Provides flexible handling and ergonomic work positions.
- **Telescopic Extension:** Includes an extension rod for reaching taller hedges.
- **Robust Construction:** Features a durable metal gear for extended service life.
- **Comfortable Operation:** Equipped with an additional rubber gripping surface and a carrying strap for secure and ergonomic handling.
- **Storage:** Supplied with a stable quiver for safe storage and transport.

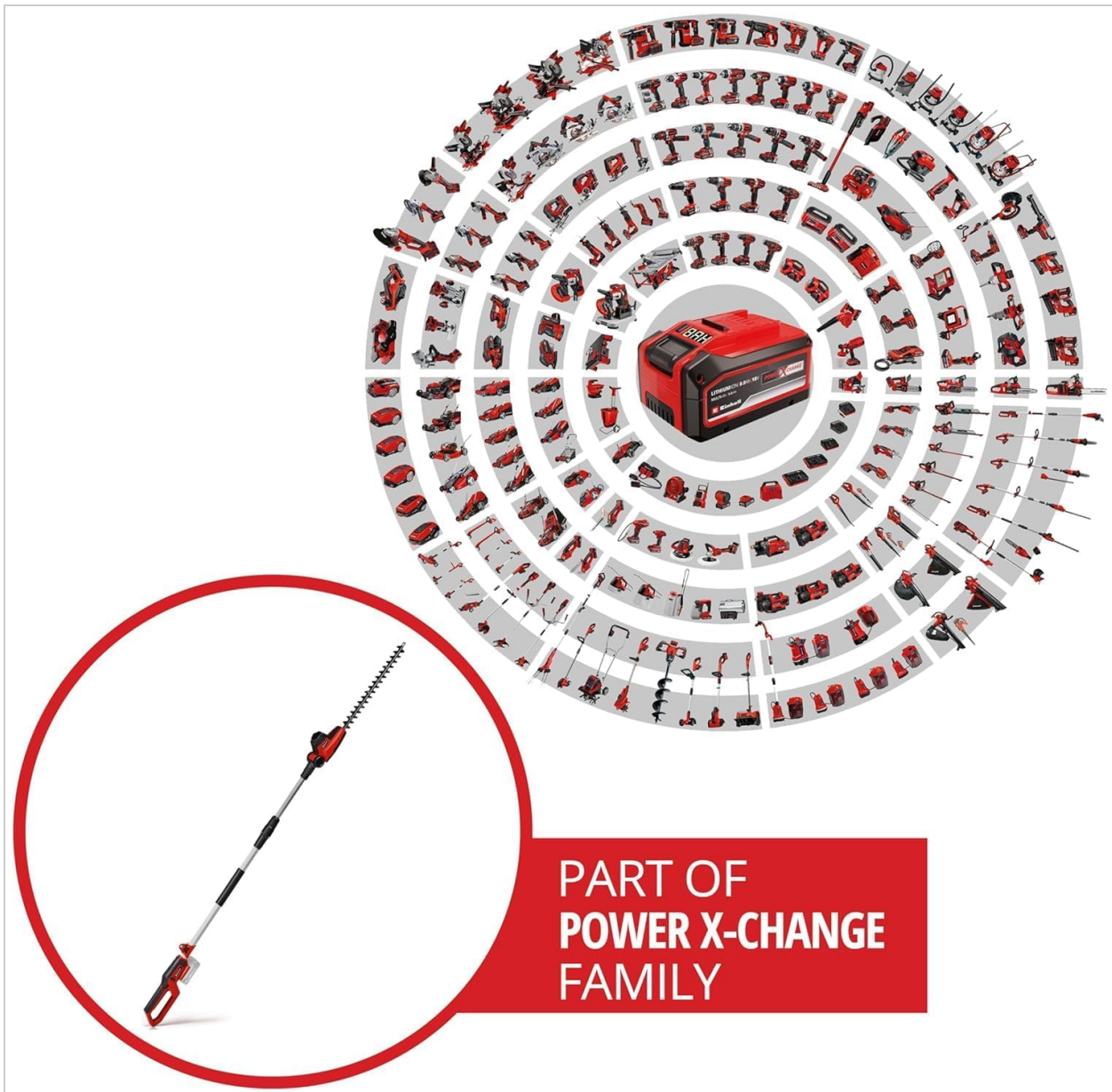


Figure 2: The Einhell GC-HH 18/45 Li T-Solo is part of the Power X-Change family, allowing battery interchangeability.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operating the hedge trimmer.

General Safety Warnings:

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.

- **Personal Safety:** Always wear eye protection, hearing protection, and heavy-duty gloves. Dress appropriately; avoid loose clothing or jewelry that can get caught in moving parts. Secure long hair.
- **Tool Use and Care:** Do not force the tool. Use the correct tool for your application. Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.
- **Hedge Trimmer Specific Safety:** Keep hands away from the cutting blades. Do not attempt to remove cut material or hold material to be cut when blades are moving. Ensure all guards are in place and functioning correctly.
- **Battery Use and Care:** Use only with specified battery packs and chargers. Do not short-circuit a battery pack. Do not expose battery packs to heat or fire.

3. COMPONENTS

Familiarize yourself with the main components of your Einhell GC-HH 18/45 Li T-Solo hedge trimmer for safe and effective operation.

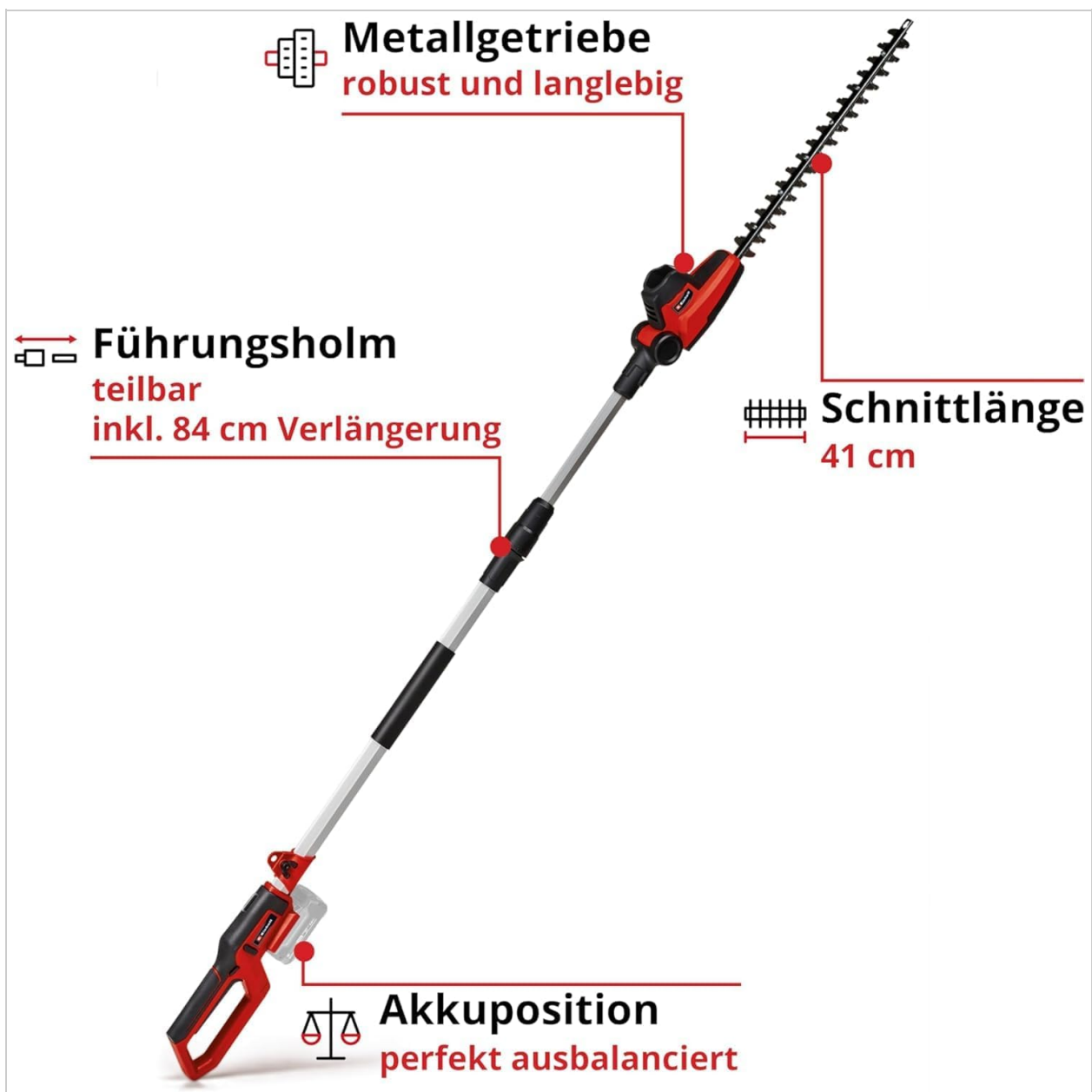


Figure 3: Key components include the robust metal gear, extendable guide pole, and balanced battery position.

- **Cutting Blades:** Laser-cut and diamond-sharpened for efficient trimming.
- **Motor Head:** Contains the motor and cutting mechanism, adjustable for various angles.

- **Telescopic Pole:** Allows for extended reach, featuring an 84 cm extension.
- **Main Grip:** Ergonomically designed, with a rotating function for optimal working positions.
- **Battery Compartment:** Located at the base of the main grip for balanced weight distribution.
- **Carrying Strap:** For comfortable and secure handling during operation.



Figure 4: The guide pole is separable and includes an 84 cm extension for reaching high hedges.



Teilbarer Führungsholm mit 84 cm Verlängerung zum Erreichen hoher Hecken

Figure 5: The motor head can be tilted to 7 positions for fatigue-free work and optimal cutting angles.



7-fach neigbarer Motorkopf zum ermüdungsfreien Arbeiten

Figure 6: The main handle rotates for optimal adaptation to any working position, enhancing ergonomics.



Messer aus lasergeschnittenem und diamantgeschliffenem Stahl

Figure 7: Close-up view of the laser-cut and diamond-sharpened steel blades, designed for precision.



Drehbarer Handgriff zur optimalen Anpassung an jede Arbeitsposition

Figure 8: The included carrying strap helps distribute weight for comfortable and prolonged use.

4. SETUP

Proper setup ensures safe and efficient operation of your hedge trimmer.

4.1 Attaching the Telescopic Pole:

1. Ensure the battery is removed from the tool.
2. Align the two sections of the telescopic pole.
3. Push the sections together until they click securely into place. Ensure the locking mechanism is engaged.
4. To extend the pole, loosen the locking collar, pull the inner pole to the desired length, and tighten the collar firmly.

4.2 Installing the Battery:

1. Ensure the hedge trimmer is switched off.
2. Slide a charged Einhell Power X-Change 18V battery pack into the battery compartment at the base of the main grip until it locks into place.
3. To remove the battery, press the release button and slide the battery out.

4.3 Attaching the Carrying Strap:

1. Attach the clips of the carrying strap to the designated attachment points on the hedge trimmer.
2. Adjust the strap length for comfortable and balanced carrying, ensuring the tool's weight is evenly distributed.

5. OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective operation of your hedge trimmer.

5.1 Pre-Operation Checks:

- Inspect the hedge trimmer for any damage, loose parts, or worn blades.
- Ensure all guards are in place and secure.
- Check that the battery is fully charged and correctly installed.
- Clear the work area of any obstacles, debris, or people/pets.

5.2 Starting and Stopping:

1. To start, firmly grip the main handle and press the safety switch, then squeeze the trigger switch.
2. To stop, release the trigger switch. The blades will stop moving.

5.3 Adjusting the Motor Head and Grip:

- **Motor Head:** To adjust the angle of the motor head, press the release button/lever on the motor head and tilt it to one of the 7 available positions. Release the button to lock it in place.
- **Main Grip:** To rotate the main grip, press the release mechanism (if applicable) and turn the grip to your desired orientation. Ensure it locks securely.

5.4 Trimming Techniques:

- Hold the hedge trimmer firmly with both hands.
- Maintain a stable footing and balance.
- For vertical cuts, swing the trimmer in an arc from bottom to top.
- For horizontal cuts, move the trimmer steadily along the top of the hedge.
- Avoid cutting branches thicker than the maximum cutting capacity (18mm).



Figure 9: An individual demonstrating the use of the telescopic hedge trimmer for high hedges.

5.5 Battery Runtime Information:

The operating time varies depending on the battery capacity used. Refer to the chart below for approximate runtimes.



Figure 10: Maximum runtime per battery charge for various Power X-Change battery capacities.

- 2.0 AH: Approximately 28 minutes
- 2.5 AH: Approximately 33 minutes
- 3.0 AH: Approximately 40 minutes
- 4.0 AH: Approximately 56 minutes
- 5.2 AH: Approximately 66 minutes
- 6.0 AH: Approximately 80 minutes
- 8.0 AH: Approximately 112 minutes

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your hedge trimmer.

6.1 Blade Care:

1. **Cleaning:** After each use, remove the battery and carefully clean the blades with a stiff brush to remove sap, leaves, and debris.
2. **Lubrication:** Apply a light machine oil or blade lubricant to the cutting blades to prevent rust and ensure smooth operation.
3. **Sharpening:** If the blades become dull, they can be professionally sharpened or replaced. Refer to the manufacturer's guidelines for blade replacement.

6.2 General Cleaning and Storage:

1. Wipe down the tool's housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
2. Store the hedge trimmer in a dry, secure place, out of reach of children.
3. Always use the stable quiver (blade guard) when storing or transporting the tool.
4. Remove the battery pack before long-term storage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your hedge trimmer.

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly or discharged; Safety switch not engaged; Tool malfunction	Ensure battery is fully charged and correctly inserted. Press safety switch before trigger. If problem persists, contact support.
Poor cutting performance	Dull or damaged blades; Blades clogged with debris; Cutting material too thick	Clean and lubricate blades. Sharpen or replace dull blades. Do not attempt to cut branches exceeding 18mm.
Excessive vibration	Damaged blades; Loose components	Inspect blades for damage and replace if necessary. Check all connections and fasteners for tightness.
Motor stops during operation	Overload protection activated; Battery discharged	Reduce cutting load. Allow motor to cool. Recharge or replace battery.

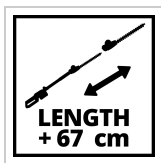
8. SPECIFICATIONS

Detailed technical specifications for the Einhell GC-HH 18/45 Li T-Solo hedge trimmer.

- **Brand:** Einhell
- **Model Number:** 3410585
- **Power Source:** Battery Powered (18V Power X-Change system)
- **Color:** Red
- **Item Weight:** Approximately 6.99 pounds (3.17 kg)
- **Blade Length:** 450 Millimeters (45 cm)
- **Cutting Width (Max):** 18 Millimeters (0.7 inches)
- **Material:** Alloy Steel, Rubber, Metal
- **Blade Material:** Alloy Steel
- **Speed:** 1400 RPM (cuts per minute)
- **Product Dimensions:** 81.89 x 2.95 x 5.31 inches (208 x 7.5 x 13.5 cm)



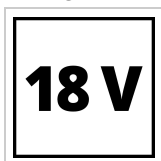
Max. 18 mm
cutting width



Length extension
up to +67 cm



Durable metal
gear



18 V Power X-
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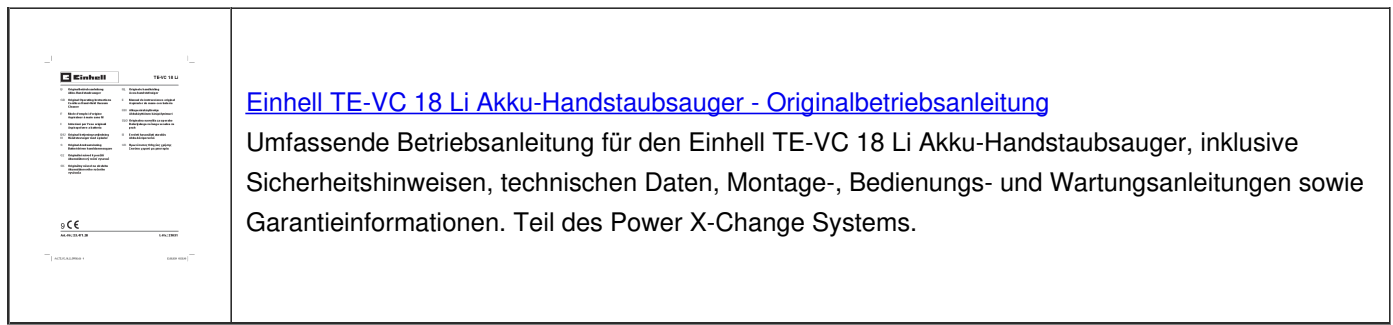
9. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the documentation included with your purchase or visit the official Einhell website. Keep your proof of purchase for warranty claims.

Online Resources: For the most up-to-date information, FAQs, and additional support, please visit the official Einhell website or contact their customer service department.

Related Documents - 3410585

	Einhell GC-SC 18/28 Li-Solo Cordless Scarifier / Aerator: Features, Specifications, and Accessories Explore the Einhell GC-SC 18/28 Li-Solo cordless scarifier and aerator. This document details its features, technical specifications, logistic data, available Power X-Change accessories, and battery running times for efficient lawn care.
	Einhell GC-EH 6055/1 Electric Hedge Trimmer Operating Instructions Comprehensive operating instructions for the Einhell GC-EH 6055/1 electric hedge trimmer, covering safety regulations, technical data, proper use, maintenance, and warranty information.
	Einhell ARCURRA 18/55 Cordless Hedge Trimmer - Instruction Manual Official instruction manual for the Einhell ARCURRA 18/55 cordless hedge trimmer. Includes product overview, parts identification, safety instructions, operation guide, and charging information.
	Einhell GP-CT 36/35 Li BL Akku-Rasentrimmer: Bedienungsanleitung & Sicherheitshinweise Umfassende Bedienungsanleitung für den Einhell GP-CT 36/35 Li BL Akku-Rasentrimmer. Erfahren Sie mehr über sichere Handhabung, Montage, Betrieb und Wartung dieses leistungsstarken Gartengeräts aus der Power X-Change Serie.
	Einhell GC-SC 18/28 Li Akku-Vertikutierer und Rasenlüfter Bedienungsanleitung Die offizielle Bedienungsanleitung für den Einhell GC-SC 18/28 Li Akku-Vertikutierer und Rasenlüfter. Enthält Sicherheitshinweise, Bedienung, Wartung und Fehlerbehebung für Ihr Gartengerät.





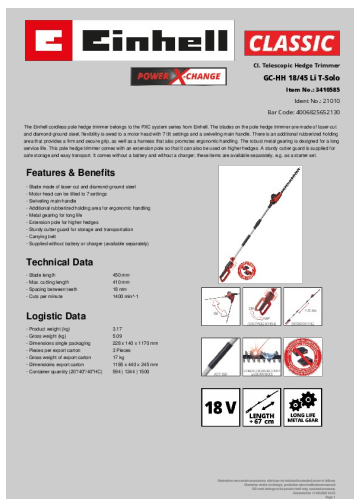
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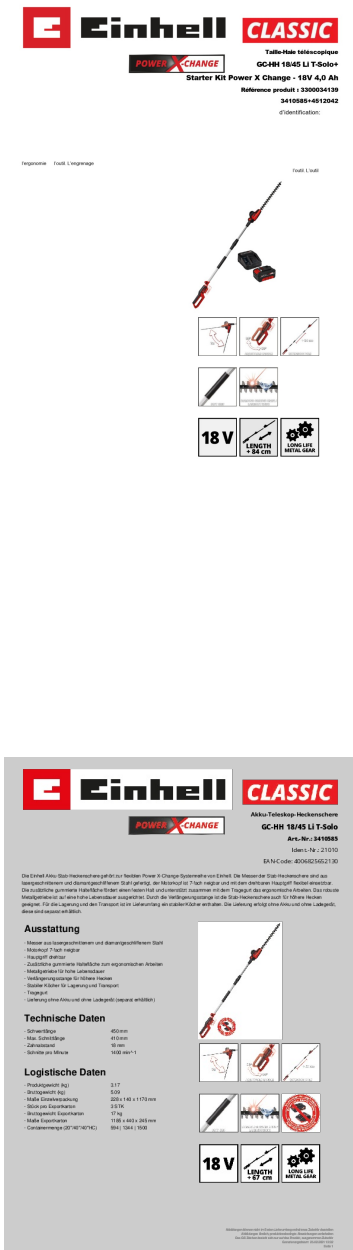
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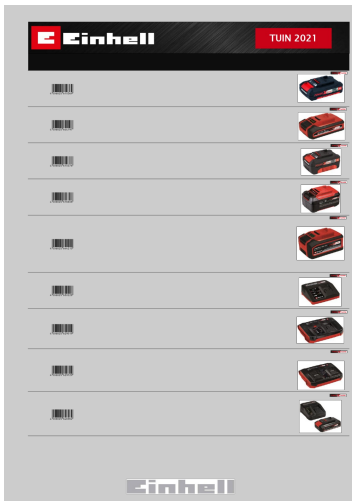
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