

Einhell TE-AP 18/26 Li-Solo

Einhell TE-AP 18/26 Li-Solo Power X-Change Cordless Reciprocating Saw

Instruction Manual

1. SAFETY INSTRUCTIONS

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection for appropriate conditions. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

2. PRODUCT OVERVIEW

The Einhell TE-AP 18/26 Li-Solo is a versatile cordless reciprocating saw designed for cutting various materials such as wood, plastic, and metal. It is part of the Power X-Change family, allowing for interchangeable battery use with other Einhell tools.



Figure 1: Einhell TE-AP 18/26 Li-Solo cordless reciprocating saw. This image shows the compact design of the saw, its ergonomic handle, and the included Power X-Change battery and charger, illustrating the main components of the tool.

Key Features:

- **Power X-Change System:** Compatible with all Power X-Change batteries and chargers.
- **Versatile Cutting:** Suitable for wood, plastic, and metal.
- **Cutting Depth:** Up to 180 mm in wood and 12 mm in steel.
- **Stroke Height:** 26 mm for efficient material removal.
- **Battery Indicator:** 3-position LED for charge level monitoring.
- **Advanced Safety:** Microprocessor-controlled parameters for enhanced user safety.
- **High-Quality Li-Ion Cells:** Minimizes self-discharge for longer battery life.

3. SETUP

3.1 Battery Charging and Insertion

1. Ensure the battery is fully charged before first use. Connect the charger to a power outlet and insert the

battery pack. The charger's indicator light will show the charging status.

2. Once charged, slide the battery pack into the base of the reciprocating saw until it clicks securely into place.
3. To remove the battery, press the release button(s) on the side of the battery pack and slide it out.



Figure 2: Battery insertion. This image demonstrates the correct method for inserting the Power X-Change battery into the base of the Einhell reciprocating saw, ensuring a secure connection.

3.2 Blade Installation

1. Ensure the battery is removed from the tool before installing or changing blades.
2. Locate the blade holder on the front of the saw. Depending on the model, this may involve twisting a collar or lifting a lever.
3. Insert the shank of the saw blade fully into the blade holder. Ensure the blade teeth are facing the correct direction for cutting.
4. Release the blade holder mechanism to secure the blade. Gently pull on the blade to confirm it is firmly locked in place.



Figure 3: Blade installation. This image illustrates the process of inserting a saw blade into the tool's blade holder, emphasizing the importance of proper seating and secure locking.

4. OPERATION

4.1 Starting and Stopping

- To start the saw, press the safety lock-off button (if present) and then squeeze the trigger switch. The saw will begin to operate.
- To stop the saw, release the trigger switch.
- The speed of the blade can often be controlled by the pressure applied to the trigger switch.

4.2 Cutting Techniques

Always ensure the workpiece is securely clamped or held to prevent movement during cutting. Wear appropriate personal protective equipment.

- **General Cutting:** Place the shoe of the saw firmly against the workpiece. Start the saw and allow it to reach full speed before engaging the blade with the material. Apply steady, even pressure.

- **Cutting Wood:** Use a wood-specific blade. For thicker wood, consider making pilot holes or plunge cuts if necessary. The saw can cut up to 180 mm in wood.
- **Cutting Plastic:** Use a fine-tooth blade suitable for plastic. Lower speeds may be beneficial to prevent melting the material.
- **Cutting Metal:** Use a metal-specific blade (e.g., high-speed steel). Apply cutting fluid if recommended for the specific metal. The saw can cut up to 12 mm in steel.



Figure 4: Saw in operation. This image depicts the Einhell reciprocating saw being used to cut a piece of wood, demonstrating proper grip and positioning during operation.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your tool. Always disconnect the battery before performing any maintenance.

5.1 Cleaning

- After each use, clean the tool housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- Remove any sawdust, chips, or debris from the ventilation openings to prevent overheating. Use compressed air if available.

5.2 Blade Replacement

Replace blades when they become dull or damaged. Refer to Section 3.2 for blade installation instructions.

5.3 Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Protect battery contacts from short-circuiting.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	Battery not inserted correctly or discharged; Safety lock engaged; Faulty switch	Check battery connection and charge level; Release safety lock; Contact service if switch is faulty
Reduced cutting performance	Dull or incorrect blade; Overheating; Insufficient battery charge	Replace blade with appropriate type; Allow tool to cool; Recharge battery
Excessive vibration	Loose blade; Damaged blade; Workpiece not secured	Ensure blade is securely fastened; Replace damaged blade; Secure workpiece firmly
Battery not charging	Charger not connected; Faulty battery or charger	Check power connection; Test with another battery/charger if available; Contact service

7. SPECIFICATIONS

Feature	Specification
Model	TE-AP 18/26 Li-Solo
Brand	Einhell
Power Source Type	Battery Powered
Voltage	18 Volts
Stroke Height	26 mm
Cutting Depth (Wood)	180 mm
Cutting Depth (Steel)	12 mm

Feature	Specification
Blade Material	High-Speed Steel
Surface Recommendation	Wood, Plastic, Metal
Handle Material	Hard Plastic or Composite
Special Features	3-position battery level indicator, Microprocessor-controlled safety parameters
Included Components	Battery, Battery Charger (if purchased as a kit)

8. WARRANTY AND SUPPORT

This Einhell product comes with a limited warranty. For detailed warranty terms, conditions, and registration information, please refer to the warranty card included with your product or visit the official Einhell website. For technical support, spare parts, or service inquiries, please contact Einhell customer service or an authorized service center.

You can find more information and support resources on the official Einhell website www.einhell.com