

## Einhell GE-SP 18 LL Li Solo (4181560)

# Einhell Power X-Change 18V Cordless Clean Water Pump GE-SP 18 LL Li Solo User Manual

Model: GE-SP 18 LL Li Solo (4181560)

## 1. INTRODUCTION

Thank you for choosing the Einhell Power X-Change 18V Cordless Clean Water Pump GE-SP 18 LL Li Solo. This submersible pump is designed for efficient removal of clear water from various sources such as pools, hot tubs, and other containers. As a member of the Power X-Change family, it offers cordless operation, utilizing any 18V Power X-Change battery (battery and charger sold separately). Its design features a flexible battery box with an integrated cable holder and flat suction capability down to 1 mm residual water level. Please read this manual carefully before operating the pump to ensure safe and effective use.

## 2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury and damage to the product.

- **General Safety:** Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.
- **Electrical Safety:** Ensure the battery pack is fully charged before use. Do not operate the pump with a damaged battery or charger. Keep the battery box dry and away from water.
- **Personal Safety:** Always wear appropriate personal protective equipment, such as safety glasses, when operating the pump. Do not operate the pump while barefoot or standing in water.
- **Product Use and Care:** This pump is designed for clear water only. Do not use it for flammable, corrosive, or abrasive liquids. Do not run the pump dry. Ensure the pump is fully submerged during operation to prevent overheating.
- **Children and Bystanders:** Keep children and bystanders away while operating the pump.
- **Maintenance:** Disconnect the battery before performing any maintenance or cleaning.

## 3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the components and key features of your Einhell Cordless Clean Water Pump.



**Figure 3.1:** The complete Einhell Power X-Change 18V Cordless Clean Water Pump system, showing the submersible pump unit (left) and the separate flexible battery box (right) connected by a cable.



**Figure 3.2:** A detailed view of the red and black submersible pump unit, highlighting its compact design and the threaded hose connection at the top.



**Figure 3.3:** The pump unit and battery box laid out, clearly showing the length of the connecting cable that allows for deep immersion of the pump while keeping the battery box dry.

### Key Features:

- **Power X-Change System:** Compatible with all Einhell Power X-Change 18V batteries, offering cordless flexibility.
- **Flexible Battery Box:** Features a protective cover, integrated cable holder, and fastening hooks for secure placement away from water.
- **High Capacity:** Delivers up to 4500 liters per hour with a maximum delivery pressure of 0.8 bar.
- **Flat Suction:** Capable of draining water down to a residual height of 1 mm, ensuring surfaces are left nearly dry.
- **Deep Immersion:** The 5-meter connection cable enables the pump to be immersed up to 4 meters deep.
- **3-Stage Switch:** Conveniently located on the battery box, providing standard operation and a continuous operation function for flat suction.
- **Durable Construction:** The pump housing is made from high-quality, impact-resistant plastic for long-lasting performance.



**Figure 3.4:** A detailed view of the 3-stage switch on the battery box, which controls the pump's power and operating mode (Off, On, Continuous).





**Figure 3.5:** This image demonstrates the correct way to insert an 18V Power X-Change battery into the battery box, ensuring a secure connection for operation.

# BATTERY & CHARGER

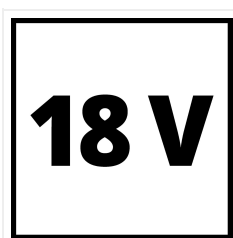


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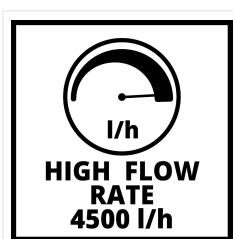
**Figure 3.6:** A clear visual reminder that the Einhell Power X-Change 18V battery and charger are not supplied with this specific product and must be purchased separately.



**Figure 3.7:** An illustration of the Einhell Power X-Change ecosystem, showcasing a central 18V battery surrounded by a wide range of compatible cordless tools, emphasizing the versatility of the battery platform.

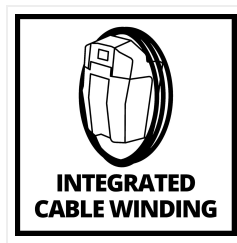


**Figure 3.8:** This icon confirms the operating voltage of the pump is 18 Volts, aligning with the Power X-Change battery system.

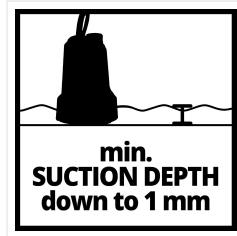


**Figure 3.9:** An icon highlighting the pump's high flow rate capability, reaching up to 4500 liters per hour for efficient water removal.





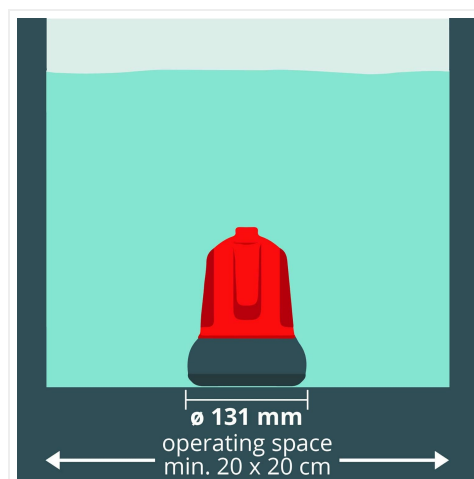
**Figure 3.10:** This icon illustrates the integrated cable winding feature on the battery box, designed for convenient storage and management of the pump's connection cable.



**Figure 3.11:** An icon visually representing the pump's flat suction capability, allowing it to reduce residual water levels to a minimum of 1 mm.

## 4. SETUP

1. **Prepare the Battery:** Ensure your Einhell Power X-Change 18V battery is fully charged. Open the lid of the flexible battery box and insert the charged battery, ensuring it clicks securely into place. Close the lid.
2. **Connect the Hose:** Attach a suitable discharge hose to the hose connection on the top of the pump unit. Ensure the connection is tight to prevent leaks.
3. **Position the Pump:** Place the pump unit into the water to be drained. The pump must be fully submerged for proper operation and cooling. The 5-meter connection cable allows for immersion depths of up to 4 meters.
4. **Position the Battery Box:** Place the battery box in a dry, secure location, away from the water. The integrated cable holder can be used to manage excess cable, and the fastening hooks allow for suspension if desired.
5. **Check Operating Space:** Ensure the pump has sufficient operating space, a minimum of 20 x 20 cm, as indicated in Figure 4.1.



**Figure 4.1:** This diagram illustrates the recommended minimum operating space for the pump, which is 20 x 20 cm, with a diameter of 131 mm for the pump itself. This ensures proper water intake and stable operation.

## 5. OPERATING INSTRUCTIONS

1. **Start the Pump:** Once the pump is submerged and the hose is connected, locate the 3-stage switch on the battery

box.

- Position 'I' for standard operation.
- Position 'II' for continuous operation (flat suction mode).
- Position 'O' to turn the pump off.

Switch the pump to 'I' or 'II' to begin pumping water.

2. **Flat Suction:** For draining water down to a residual level of 1 mm, select the 'II' position on the 3-stage switch. This activates the continuous operation function, allowing the pump to remove almost all water from the surface.
3. **Monitoring:** Ensure the pump remains submerged during operation. Do not allow the pump to run dry, as this can cause damage.
4. **Stopping the Pump:** To stop the pump, switch the 3-stage switch to the 'O' position.
5. **After Use:** Remove the pump from the water and disconnect the battery from the battery box.



**Figure 5.1:** An example of the Einhell cordless water pump in use, efficiently draining water from a small inflatable pool. The battery box is positioned safely outside the water.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your pump.

- **Cleaning:** After each use, rinse the pump unit with clean water to remove any debris or sediment. Ensure the intake area is clear.
- **Inspection:** Periodically inspect the pump housing, cable, and hose connections for any signs of wear, damage, or leaks.
- **Storage:** Store the pump and battery box in a dry, frost-free location when not in use. Disconnect the battery from the battery box before storage.
- **Battery Care:** Follow the battery manufacturer's instructions for charging, storage, and maintenance of the Power X-

Change battery.

## 7. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Pump does not start.	Battery not inserted correctly or discharged. Switch is in 'O' position.	Ensure battery is fully charged and correctly inserted. Set switch to 'I' or 'II'.
Low flow rate or no water pumped.	Pump not fully submerged. Intake blocked by debris. Hose kinked or blocked.	Ensure pump is fully submerged. Clear any debris from the intake. Check and clear the hose.
Pump runs but no water is discharged.	Air lock in the pump.	Lift and lower the pump slightly while running to release trapped air.
Pump stops unexpectedly.	Battery discharged. Overheating protection activated.	Recharge the battery. Allow the pump to cool down before restarting. Ensure proper submersion.

## 8. SPECIFICATIONS

Technical data for the Einhell Power X-Change 18V Cordless Clean Water Pump GE-SP 18 LL Li Solo.





Feature	Value
Brand	Einhell
Model Number	GE-SP 18 LL Li Solo (4181560)
Power Source	Battery Powered (Einhell Power X-Change 18V)
Voltage	18 Volts
Maximum Flow Rate	4500 Liters Per Hour
Maximum Delivery Pressure	0.8 Bar
Maximum Lifting Height	8 Meters
Maximum Immersion Depth	4 Meters (via 5m cable)
Flat Suction Capability	Down to 1 mm residual height
Product Dimensions (L x W x H)	5.12"L x 5.12"W x 9.06"H
Item Weight	2.2 Kilograms (approx. 4.84 pounds)
Material	Impact-resistant Plastic
Max. Water Temperature	35°C

## 9. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Einhell website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

This product is part of the Einhell Power X-Change family. Batteries and chargers are sold separately.

## Related Documents

	<p><a href="#">Einhell CE-AP 18 Li Akku-Luftpumpe: Bedienungsanleitung und Informationen</a></p> <p>Entdecken Sie die Einhell CE-AP 18 Li Akku-Luftpumpe. Diese Anleitung bietet detaillierte Informationen zur sicheren Bedienung, technischen Daten und Wartung der kabellosen Luftpumpe, ideal für aufblasbare Artikel. Kompatibel mit dem Power X-Change System.</p>
	<p><a href="#">Einhell GE-SP 18 Li Akku-Klarwasserpumpe: Bedienungsanleitung &amp; Sicherheitshinweise</a></p> <p>Umfassende Bedienungsanleitung für die Einhell GE-SP 18 Li Akku-Klarwasserpumpe. Erfahren Sie alles über sichere Handhabung, Installation, technische Daten, Wartung und Fehlerbehebung für Ihre Einhell Pumpe.</p>
	<p><a href="#">Einhell Petrol and Oil Suction Pump - Operating Instructions and Warranty</a></p> <p>Comprehensive operating instructions, safety guidelines, technical specifications, and warranty information for the Einhell Petrol and Oil Suction Pump (Art.-Nr.: 34.070.00).</p>
	<p><a href="#">Einhell GE-CT 18 Li-Solo Cordless Lawn Trimmer: Features, Specs, and Accessories</a></p> <p>Detailed overview of the Einhell GE-CT 18 Li-Solo cordless lawn trimmer, including its features, technical specifications, logistic data, available accessories, and battery running times. Power X-Change system compatible.</p>



