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Scheppach SBSK4.0

Scheppach IXES 20V SBSK4.0 Lithium-Ion Battery and Charger Starter Kit User Manual

Model: SBSK4.0

1. INTRODUCTION

Thank you for choosing the Scheppach IXES 20V SBSK4.0 Lithium-Ion Battery and Charger Starter Kit. This kit provides a reliable and efficient power solution for all your Scheppach IXES 20V cordless tools. It includes a 20V / 4.0 Ah battery and a compact 2.4 A charger, designed for maximum flexibility and simplified use with a single battery system. Please read this manual carefully before first use to ensure safe and optimal operation of your product.



Figure 1: Scheppach IXES 20V 4.0 Ah Lithium-Ion Battery and 2.4 A Charger.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent electric shock, fire, and serious injury.

- **Read all instructions:** Before using the battery and charger, read all instructions and cautionary markings on the charger, battery, and product using the battery.
- **Charge only Scheppach IXES batteries:** This charger is designed exclusively for Scheppach IXES 20V Lithium-Ion batteries. Do not attempt to charge other types of batteries, as this may cause personal injury and damage.
- **Avoid hazardous environments:** Do not charge the battery in damp or wet locations. Do not expose the charger to rain or snow.
- **Maintain proper ventilation:** Ensure adequate ventilation during charging. Do not cover the charger or battery.
- **Use appropriate power supply:** Connect the charger only to a standard household power supply (230V AC, 50Hz).
- **Inspect for damage:** Do not use the charger or battery if they have been dropped, received a sharp blow, or are damaged in any way. Contact customer service for inspection.
- **Do not short-circuit:** Never short-circuit the battery terminals.

- **Do not incinerate batteries:** Batteries may explode when incinerated. Dispose of batteries according to local regulations.
- **Store properly:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.

3. PACKAGE CONTENTS

Your Scheppach IXES 20V SBSK4.0 Starter Kit includes:

- 1 x Scheppach IXES 20V / 4.0 Ah Lithium-Ion Battery (Model SBP4.0)
- 1 x Scheppach IXES 2.4 A Battery Charger (Model SBC2.4A)
- 1 x User Manual

4. SETUP

4.1 Initial Battery Charge

1. Connect the charger to a suitable power outlet. The charger's LED indicator may light up briefly.
2. Slide the 20V / 4.0 Ah battery onto the charger until it clicks into place. Ensure a secure connection.
3. The charger's LED indicator will show the charging status. Refer to the 'Operating Instructions' section for LED indicator details.
4. Allow the battery to charge completely before first use. A full charge for the 4.0 Ah battery takes approximately 120 minutes.



Figure 2: Scheppach IXES 2.4 A Battery Charger with LED indicators.

Une batterie parfaitement adaptée à votre projet !

Durée de chargement (SBC2.4A):

2,0 Ah	4,0 Ah
	
35 min	60 min

Indication par charge de batterie

La durée de fonctionnement et les performances peuvent varier en fonction des conditions extérieures



SBC4.5A
CHARGEUR

Figure 3: Approximate charging times for Scheppach IXES batteries (4.0 Ah battery charges in about 60 minutes with SBC4.5A charger, or 120 minutes with SBC2.4A charger).

4.2 Attaching Battery to Tool

Once charged, slide the battery into the battery slot of your Scheppach IXES 20V cordless tool until it locks securely. To remove, press the release button(s) on the battery and slide it out.



Figure 4: Scheppach IXES 20V 4.0 Ah Lithium-Ion Battery with charge indicator.

5. OPERATING INSTRUCTIONS

5.1 Battery Charge Level Indicator

The battery features a 3-level LED indicator to show the remaining charge capacity. Press the button on the battery to activate the indicator.

- **3 LEDs lit:** Full charge (approx. 67-100%)
- **2 LEDs lit:** Medium charge (approx. 34-66%)
- **1 LED lit:** Low charge (approx. 1-33%). Recharge soon.
- **1 LED flashing:** Battery almost empty. Recharge immediately.

Temps de charge
env. 120 mins (4,0 Ah)



Longue durée de vie



Voyant LED



20 V



Figure 5: Key features including LED indicator and long battery life.

5.2 Charger LED Indicator

The charger has an LED indicator that shows the charging status:

- **Solid Red:** Charging in progress.
- **Solid Green:** Charging complete.
- **Flashing Red:** Error (e.g., battery too hot/cold, faulty battery).

5.3 Intelligent Cell Management

The battery is equipped with individual cell management, which protects against overheating and overvoltage. This system ensures consistent charging and discharging processes, significantly extending the battery's lifespan and operating time by minimizing the risk of overcharging or deep discharge.

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the charger from the power supply before cleaning.
- Use a dry, soft cloth to clean the battery and charger.
- Do not use any liquids or abrasive cleaning agents.
- Keep the ventilation slots on the charger free from dust and debris.

6.2 Storage

- Store the battery and charger in a dry, frost-free environment.
- Ideal storage temperature is between 10°C and 20°C (50°F and 68°F).
- For long-term storage, charge the battery to approximately 50-70% capacity. Recharge every 6 months to prevent deep discharge.
- The robust housing with rubber coating provides excellent resistance to impacts, dust, and corrosion, ensuring durability.
- The charger features an integrated wall mount for convenient storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty power outlet; battery not properly seated; battery too hot/cold; faulty battery/charger.	Check power connection; try a different outlet; re-seat battery; allow battery to reach room temperature; contact customer service.
Charger LED flashing red	Battery temperature outside optimal range; faulty battery.	Remove battery and allow it to cool down or warm up to room temperature (approx. 20-25°C); if problem persists, battery may be faulty.
Battery not powering tool	Battery discharged; battery not properly seated in tool; faulty battery.	Recharge battery; ensure battery is fully inserted and locked into tool; check battery charge level; if problem persists, battery may be faulty.

8. SPECIFICATIONS

Feature	Specification
Brand	Scheppach
Model Name	SBSK4.0
Battery Type	Lithium-Ion
Battery Voltage	20 Volts
Battery Capacity	4000 Milliampere-hour (mAh) / 4.0 Ah
Charger Current	2.4 A
Approx. Charge Time (4.0 Ah)	120 minutes (with 2.4A charger)
Battery Weight	1.1 Kilograms

Feature	Specification
Item Weight (Kit)	1.3 Kilograms
Item Dimensions (LxWxH)	12.5 x 8.3 x 7.3 centimeters
Reusability	Rechargeable
Recommended Use	Power Tool
Country of Origin	China

9. WARRANTY

This Scheppach IXES 20V SBSK4.0 Starter Kit comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults. It does not cover damage caused by improper use, normal wear and tear, or unauthorized modifications. Please retain your proof of purchase for warranty claims.

10. SUPPORT AND CONTACT INFORMATION

For technical assistance, spare parts, or warranty claims, please contact your authorized Scheppach dealer or visit the official Scheppach website. When contacting support, please have your product model (SBSK4.0) and serial number (if applicable) ready.

Scheppach GmbH

Günzburger Straße 69

D-89335 Ichenhausen

Germany

Website: www.scheppach.com