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Enventor 91212

Enventor 20V 4.0Ah Lithium-Ion Battery Instruction Manual (Model 91212)

Comprehensive guide for safe and efficient use of your Enventor 20V 4.0Ah Lithium-Ion Battery.

1. PRODUCT OVERVIEW

The Enventor 20V 4.0Ah Lithium-Ion Battery (Model 91212) is designed to provide reliable power for your compatible Enventor 20V cordless power tools. This battery features a 4000mAh capacity for extended performance and an integrated LED power indicator to monitor charge status. It incorporates advanced safety features to ensure durability and user protection.



Figure 1: Enventor 20V 4.0Ah Lithium-Ion Battery. This image shows the battery unit with its 20V 4.0Ah labeling and LED power indicator lights.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before using the battery or any compatible power tool. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Charging:** Use only 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.
- **Battery Compatibility:** This battery is designed ONLY for Enventor 20Volt Cordless Power Tools, including models 95613, 95311, 97805, 97713, 98606, and 97637. Do not use with non-compatible tools or chargers.
- **Storage:** Store the battery pack away from metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- **Avoid Damage:** Do not open, crush, heat above 100°C (212°F), or incinerate the battery pack. Do not expose to water or rain.
- **Disposal:** Dispose of used battery packs properly according to local regulations. Do not dispose of in household waste.
- **Temperature:** Do not charge the battery pack in temperatures below 0°C (32°F) or above 45°C (113°F).

MULTI-PROTECTIONS



Over-Current
Protection



Over-Voltage
Protection



Over-Charge
Protection



Over-Discharge
Protection



No Memory
Effect

Figure 2: The battery features multiple protections including over-current, over-voltage, over-charge, over-discharge, and no memory effect.

3. SETUP AND CHARGING

Before first use, fully charge the battery pack. Ensure the battery is securely connected to the charger and the charger is plugged into a suitable power outlet.

1. **Connect the Charger:** Plug the charger into a standard electrical outlet.
2. **Insert Battery:** Slide the Enventor 20V 4.0Ah Lithium-Ion Battery onto the charger until it clicks into place.
3. **Monitor Charging:** The LED indicator on the battery will show the charging status. Refer to your charger's manual for specific light patterns indicating charging and full charge.
4. **Remove Battery:** Once fully charged, press the release button on the battery and slide it off the charger.



FAST CHARGING & COMPATIBLE CHARGER

This item does not include a charger



Figure 3: The Enventor 20V 4.0Ah battery connected to its charger. Note that the charger is sold separately.

Your browser does not support the video tag.

Video 1: This video demonstrates the process of charging an Enventor battery using a compatible charger. It shows how to slide the battery onto the charger and the indicator lights.

4. OPERATING THE BATTERY WITH TOOLS

The Enventor 20V 4.0Ah Lithium-Ion Battery is designed for seamless integration with your Enventor 20V cordless power tools.

1. **Insert Battery:** Align the battery with the battery port on your Enventor 20V power tool. Slide the battery into the tool until it clicks securely into place.
2. **Check Charge:** Before operating, press the LED power indicator button on the battery to check the remaining charge.
3. **Remove Battery:** To remove the battery, press the release button (typically located on the sides of the battery) and slide the battery out of the tool.

FULLY COMPATIBLE WITH ENVENTOR 20V POWER TOOLS



Figure 4: The Enventor 20V 4.0Ah battery is fully compatible with a range of Enventor 20V power tools, including drills, saws, and sanders.



Figure 5: Examples of Envéntor 20V tools in operation, demonstrating the versatility of the battery across different applications.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Envéntor 20V 4.0Ah Lithium-Ion Battery.

- **Regular Charging:** Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery before recharging.
- **Storage:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store the battery with a partial charge (around 50%).
- **Cleaning:** Keep battery terminals clean and free from dirt or debris. Use a clean, dry cloth to wipe the battery if necessary.
- **Avoid Impact:** Protect the battery from physical impact or drops, as this can damage internal components.

**MORE
POWER**

**MORE
RUN-TIME**

**LONGER
BATTERY LIFE**



Water Protection Barrier

- Routes water away from the electronics and out of the battery pack



Smart Electronics

- Protection from abuse
- Optimum tool and pack performance



Temp Control Frame

- Extends run-time and life by minimizing heat
- Operates below -18°C / 0°F



**Fully Enclosed Cell Carrier &
Rubber Overmold**

- Prevents pack failure from vibration or drops

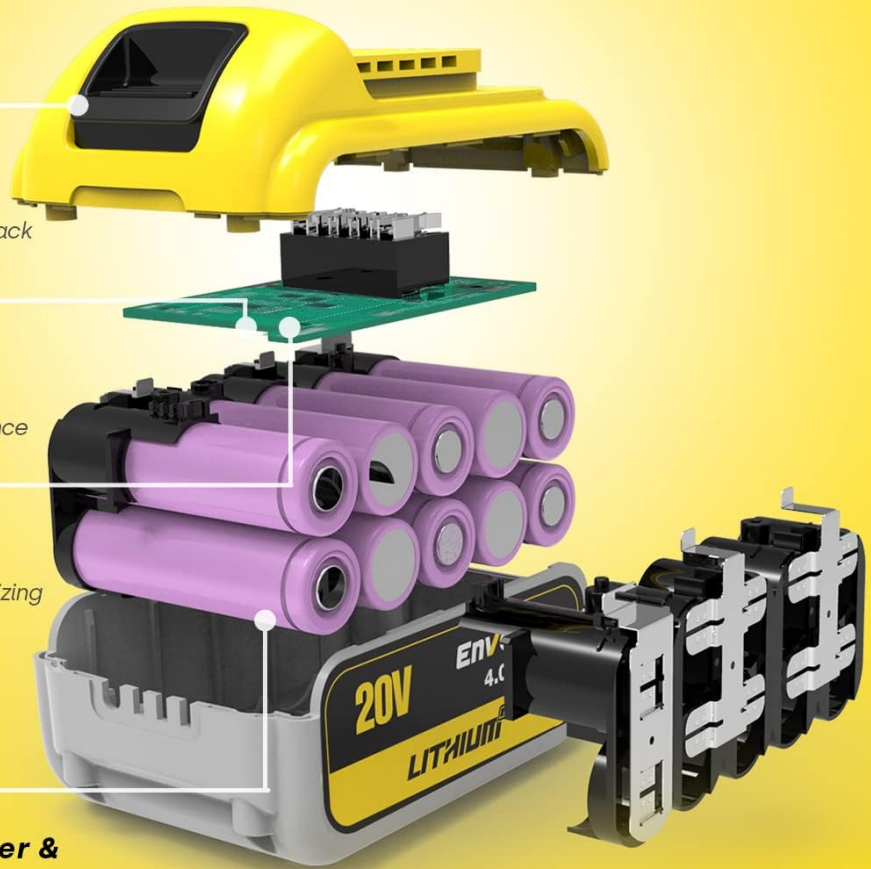


Figure 6: Internal design of the battery, highlighting features like the water protection barrier, smart electronics, and temperature control frame for enhanced durability and performance.

6. TROUBLESHOOTING

If you encounter issues with your Enventor 20V 4.0Ah Lithium-Ion Battery, consider the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in, faulty charger, damaged battery, extreme temperature.	Ensure charger is properly connected. Check charger for damage. Allow battery to reach room temperature before charging. If issues persist, contact customer support.
Tool not operating	Battery not fully charged, battery not properly inserted, incompatible tool.	Ensure battery is fully charged and securely inserted into the tool. Verify the tool is an Enventor 20V cordless power tool.
Reduced run time	Battery not fully charged, battery nearing end of life, operating in extreme conditions.	Fully charge the battery. Ensure proper storage and usage conditions. Consider replacing the battery if it's old and performance has significantly degraded.

7. SPECIFICATIONS

Feature	Detail
Brand	Enventor
Model Number	91212
Voltage	20V
Battery Capacity	4.0Ah (4000mAh)
Battery Cell Composition	Lithium Ion
Item Weight	1.57 pounds
Package Dimensions	4.96 x 3.43 x 3.35 inches
Recommended Uses	Power Tool
Features	LED Power Indicator, No Memory Effect, Overcharge Protection, Overheating Protection, Short-circuit Protection

PRODUCT SIZE



SIZE 12*8*9CM

WEIGHT 670G

Figure 7: Physical dimensions and weight of the Enventor 20V 4.0Ah Lithium-Ion Battery.

8. WARRANTY AND SUPPORT

Enventor provides a worry-free warranty for this product. For any usage or maintenance questions, please contact customer support. We offer 7*24 hours of professional online service. Please refer to your order ID when contacting support for efficient assistance.

For further assistance, visit the Enventor Store.

