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Activ Energy NECALON_SML

Activ Energy 20V Li-ION Battery for Ferrex Tools User Manual

Model: NECALON_SML

Introduction

This manual provides essential information for the safe and efficient use of your Activ Energy 20V Lithium-Ion battery. Please read this manual thoroughly before first use and keep it for future reference. This battery is designed for use with Ferrex 20V cordless power tools and other compatible universal devices.

Safety Information

Always observe the following safety precautions when handling and using your Li-ION battery:

- Do not expose the battery to water or moisture.
- Do not store the battery in direct sunlight or high temperatures.
- Do not attempt to open, disassemble, or modify the battery.
- Use only the specified charger (e.g., model 5900941-8) for charging.
- Keep the battery away from children and pets.
- If the battery is damaged, do not use it. Contact customer support.
- Dispose of batteries responsibly according to local regulations.

Product Overview

The Activ Energy 20V Li-ION battery is a high-performance power source for your cordless tools. It features advanced technology for optimal lifespan and consistent power delivery. The battery includes individual cell monitoring and temperature monitoring for enhanced safety and performance.



Image 1: Front view of the Activ Energy 20V Li-ION battery, showing the 2.0Ah and 20V MAX labels, and battery indicator lights.



Image 2: Side view of the Activ Energy 20V Li-ION battery, highlighting the release button and connection interface.

Setup

Charging the Battery

The battery is supplied partially charged and should be fully charged before first use. A compatible charger (e.g., model 5900941-8) is required and sold separately.

1. Connect the charger to a suitable power outlet.
2. Insert the Activ Energy 20V Li-ION battery into the charger. Ensure it clicks securely into place.
3. The charger's indicator lights will show the charging status. A full charge typically takes approximately 45 minutes.
4. Once fully charged, remove the battery from the charger.

Battery Level Indicator

Press the button on the battery to check the current charge level. The LED indicators will illuminate to show the remaining power.

Operating

Inserting the Battery into a Tool

1. Ensure the power tool is switched off.
2. Align the battery with the battery port on the tool.
3. Slide the battery into the tool until it clicks into place. Ensure it is firmly seated.

Removing the Battery from a Tool

1. Ensure the power tool is switched off.
2. Press and hold the battery release button (if applicable).
3. Slide the battery out of the tool.

Compatible Tools

This Activ Energy 20V Li-ION battery is compatible with Ferrex 20V cordless tools, including but not limited to:

- Ferrex 20V Cordless Drill
- Ferrex 20V Multi-functional Tool
- Ferrex 20V Impact Drill
- Ferrex 20V Hedge Trimmer

Note: This battery is designed for 20V tools only and is not compatible with 40V tools.

Maintenance

Cleaning

Wipe the battery with a dry, soft cloth. Do not use water or chemical cleaning agents.

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 at approximately 50% charge.

Battery Life

The battery is designed for approximately 250 charge cycles, after which its capacity may reduce to about 65% of its original capacity.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; faulty charger; battery too hot/cold; faulty battery.	Check charger connection; try a different outlet; allow battery to reach room temperature; contact support if battery is faulty.
Tool not operating with battery	Battery not fully charged; battery not properly inserted; faulty tool; faulty battery.	Charge battery fully; ensure battery is securely clicked into place; test with another battery if available; contact support.
Reduced run time	Battery nearing end of life; extreme operating conditions.	Consider replacing the battery; ensure use within recommended temperature ranges.

Specifications

Brand: Activ Energy (Compatible with Ferrex)

Model Number: NECALON_SML

Battery Type: Lithium-Ion

Voltage: 20 Volts

Capacity: 2.0 Ah

Cell Brand: Samsung INR18650 20R

Approx. Charge Time: 45 minutes (with compatible charger 5900941-8)

Estimated Cycle Life: 250 cycles (to 65% capacity)

Weight: 457 Grams

Features: Individual Cell Monitoring, Temperature Monitoring

Compatibility: Ferrex 20V cordless tools and other universal 20V power tools.

Product Video

Your browser does not support the video tag.

Video 1: An overview video demonstrating the features and compatibility of the Activ Energy 20V Li-ION battery. This video is provided by the seller, Amazon France.

Warranty and Support

Information regarding warranty coverage and customer support for your Activ Energy 20V Li-ION battery is typically provided at the point of purchase or within the product packaging. Please refer to your purchase receipt or contact the retailer for specific details.

For technical assistance or inquiries, please contact the manufacturer or your local distributor. Keep your proof of purchase handy when contacting support.

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