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› jovant 20V 2.0Ah Lithium-ion Battery User Manual (Model PTJ-006-01)

jovant PTJ-006-01

jovant 20V 2.0Ah Lithium-ion Battery User Manual

Model: PTJ-006-01

Brand: jovant

1. SAFETY INFORMATION

Read and understand all safety instructions before using the battery. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Charge Safely:** Only use chargers compatible with jovant 20V Lithium-ion batteries. Using an incompatible charger may cause fire or explosion.
- **Avoid Damage:** Do not expose the battery to water, rain, or extreme temperatures. Do not drop, puncture, or attempt to open the battery pack.
- **Prevent Short Circuits:** Keep battery terminals away from metal objects that could cause a short circuit.
- **Proper Storage:** Store batteries in a cool, dry place away from direct sunlight and heat sources.
- **Disposal:** Dispose of batteries responsibly according to local regulations. Do not dispose of in household waste or fire.
- **Protection Systems:** This battery includes 6 protective systems: over-discharge, over-heat, over-charge, over-current, over-voltage, and short-circuit protection.

2. PRODUCT OVERVIEW

The jovant 20V 2.0Ah Lithium-ion Battery provides reliable power for compatible cordless tools. This package includes two battery units, offering extended working time and convenience.

- **High Performance:** 20V 2.0Ah capacity (2000mAh) for consistent power delivery.
- **Compatibility:** Designed for use with jovant 6-inch chainsaws, electric pruning shears, nail guns, and other compatible 20V cordless tools.
- **Extended Use:** With a real capacity of 2000mAh, these batteries serve as excellent spares to increase your working time, reducing the need for frequent recharging.
- **Durability:** Engineered for over 500 charge and discharge cycles.

**COMPATIBLE
CHARGER**

ONLY SUITABLE FOR JOVANT CHARGERS



Image: Front view of the jovant 20V 2.0Ah Lithium-ion Battery.

Two Piece Set

2A



Image: Two jovant 20V 2.0Ah Lithium-ion Batteries, indicating a two-piece set.

**CORDLESS
TOOLS**

COMPATIBLE WITH JOVANT 20V

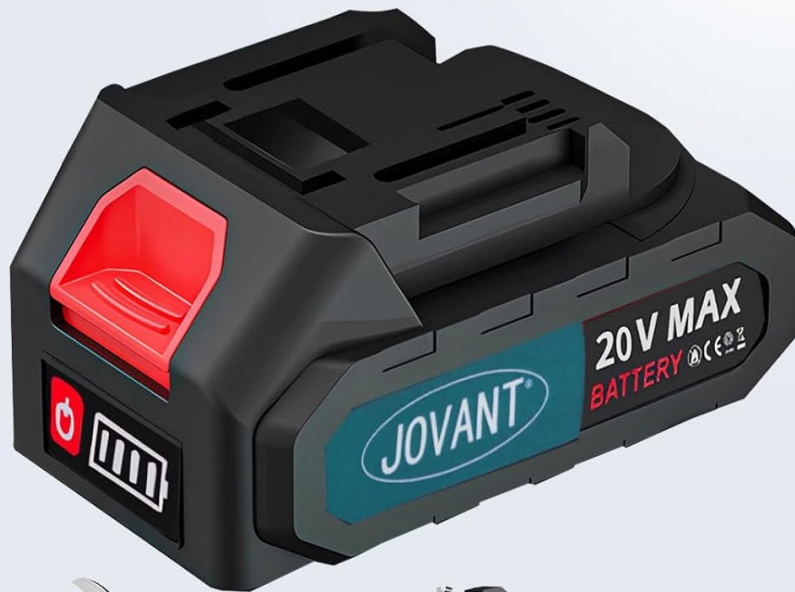


Image: The jovant 20V 2.0Ah battery shown alongside various compatible cordless tools like a nail gun, chainsaw, and pruning shears.

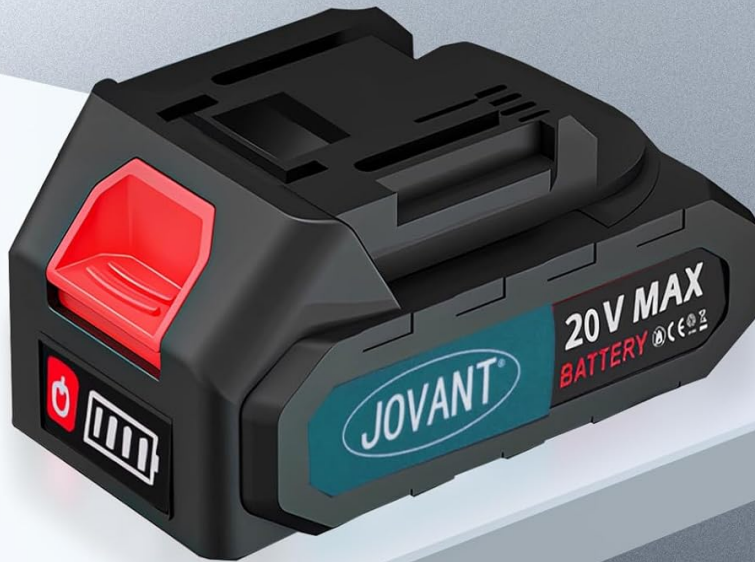
3. SETUP

3.1 Checking Battery Charge

Press the power button on the battery to activate the LED power display. The illuminated green bars indicate the current charge level.

DETAILS SHOW

CONVENIENT AND FAST TO USE



LED power display



Release Button



Easy To Install

100%

Charging Time: 1 hours

Work

Working Time: 3-4 hours

Image: Close-up of the jovant 20V battery showing the LED power display and the release button for tool attachment.

3.2 Charging the Battery

This battery pack does not include a charger. Use a compatible Li-ion charger with an AC/DC Adapter INPUT: 100~240V and OUTPUT: 20V 1A or 2A. Ensure the charger is specifically designed for jovant 20V batteries.

- Connect the charger's output plug to the charging port on the battery.
- Plug the charger into a standard electrical outlet.
- The charger light will typically be red during charging and turn green when fully charged.

JOVANT®

Only Compatible With Jovant Charger



Image: Diagram illustrating the Jovant 20V battery being charged with a compatible Jovant charger, highlighting the charger's specifications.

Your browser does not support the video tag.

Video: Demonstrates unboxing, checking the battery charge level via the LED display, and connecting the battery to a charger for recharging.

3.3 Installing the Battery into a Tool

- Align the battery with the battery slot on your compatible Jovant 20V cordless tool.
- Slide the battery into the tool until it clicks securely into place. Ensure the release button is fully engaged.
- To remove, press the release button and slide the battery out.

Tool Interface Suitable For Jovant Batteries

Compatible Tool Interfaces



Image: Illustration showing various tool interfaces that are compatible with Jovant 20V batteries.

4. OPERATING INSTRUCTIONS

Once the battery is fully charged and securely installed in a compatible Jovant 20V cordless tool, the tool is ready for operation. Always refer to the specific tool's instruction manual for detailed operating procedures and safety guidelines.

- Ensure the battery is fully charged for optimal performance.
- Confirm the battery is properly seated and locked into the tool.
- Operate the tool according to its specific instructions.

- Monitor the battery's LED power display during use to anticipate recharging needs.

5. MAINTENANCE

Proper maintenance extends the life of your jovant 20V Lithium-ion battery.

- **Cleaning:** Keep battery terminals clean and free of dirt or debris. Use a dry cloth to wipe the battery exterior.
- **Storage:** For long-term storage, charge the battery to approximately 50% capacity. Store in a cool, dry place (between 5°C and 25°C or 41°F and 77°F) away from direct sunlight and moisture.
- **Avoid Deep Discharge:** Do not allow the battery to completely discharge. Recharge it when the power indicator shows low charge.
- **Regular Use:** If storing for extended periods, recharge the battery every 3-6 months to maintain its health.

6. TROUBLESHOOTING

If you encounter issues with your jovant 20V Lithium-ion battery, refer to the following common solutions:

Problem	Possible Cause	Solution
Battery not charging	Charger not plugged in; incompatible charger; faulty battery/charger; extreme temperature.	Ensure charger is properly connected. Use only jovant compatible chargers. Try charging in a moderate temperature environment. Contact support if issue persists.
Tool not powering on with battery	Battery not fully charged; battery not properly installed; tool malfunction.	Check battery charge level and recharge if necessary. Ensure battery is securely clicked into the tool. Test with another charged battery if available. Refer to tool's manual.
Reduced run time	Battery nearing end of life; operating in extreme conditions; heavy load on tool.	Ensure battery is fully charged. Avoid operating in very hot or cold conditions. Consider replacing the battery if it consistently provides significantly less run time.

7. SPECIFICATIONS

Battery Specification

Our batteries provide a steady stream of energy to ensure the smooth operation of your equipment.



Voltage
20V



Capacity
2.0A



Wattage
40Wh



Type
Lithium Ion



Over-Charge Protection Short-Circuit Protection Over-Voltage Protection Over-Current Protection

Image: Detailed specifications of the jovant 20V battery, including voltage, capacity, wattage, and battery type.

Feature	Detail
Battery Type	Lithium Ion
Voltage	20V
Capacity	2.0Ah (2000 Milliamp Hours)
Item Model Number	PTJ-006-01
Number of Batteries	2 (included)
Item Weight	1.75 pounds
Package Dimensions	7.09 x 5.16 x 2.8 inches
Recommended Uses	Outdoor cordless tools
Certifications	UN38.3, CE, MSDS

8. WARRANTY AND SUPPORT

jovant is committed to providing quality products and customer satisfaction.

- **30-Day Refund:** If you are not satisfied with your purchase, you may be eligible for a refund within 30 days.
- **1-Year Warranty:** This product is covered by a 1-year warranty from the date of purchase, covering manufacturing defects.
- **Customer Support:** For any questions, concerns, or assistance, please contact jovant customer support. We offer 24-hour customer support.

