windoware

Battery Care and Guidelines for Blinds with Lithium-ion Motors

The lithium-Ion battery system is placed within the headrail of the blind, making it the quietest motor in our range. These motors are designed to be dependable and long-lasting, leveraging the same advanced technology found in smartphones, laptops, and electric vehicles. This proven technology has been expertly adapted for use in motorised blinds, ensuring high performance and efficiency.

Lithium-ion battery motors apply to **Roller**, **Honeycomb**, **Roman**, and **Mikronwood** blinds, offering versatile solutions for different window treatments. Additionally, please note that the chargers differ based on the type of blinds: Roller and Mikronwood blinds use a USB cable, while Roman and Honeycomb blinds use a USB-C cable.

Charging and Maintaining Lithium-ion Batteries

To keep your motorised blinds operating at their best, it's important to follow proper charging and maintenance practices:

- **INITIAL CHARGING:** At the time of installation, charge the battery for at least 6 hours to ensure full functionality. All motors are supplied with a limited amount of charge – enough to pair and set limits.
- **AVOID LONG PERIODS OF DISCHARGE:** Do not let the battery fully discharge before recharging, as this can reduce its lifespan. Recharge as soon as you receive a low power warning.
- **LOW BATTERY INDICATOR:** If the motor only jogs when you press the remote button it indicates the battery needs recharging. The motor will beep over the course of a few days advising of low charge. If you are using a SmartLink then the Connector app will show the motor's charge level.
- **CHARGING PROCESS:** Plug in the charger for a full 6 hours and wait until the indicator light turns solid green before disconnecting the charger. The motor is now at full charge level.
- **REGULAR MAINTENANCE:** Fully charge the battery every 6 months, despite usage, in order to maintain a healthy battery life. Always use the charger and cable provided with your blinds to avoid overloading or damaging the battery.

Important Charging Notes

The motorised blinds are specifically designed for 5V charging. Many fast chargers for mobile devices operate at higher voltages (up to 12V), which are unsuitable for lithium-ion motors and can significantly reduce battery life. For this reason, we strongly recommend avoiding fast chargers.

For charging cables shorter than 2 meters, a 5V/1A charger is recommended. For cables longer than 2 meters, either a 5V/1A or 5V/2A charger can be used.

Battery Lifespan and Warranty

The lithium-ion motors are built with reliable and proven technology. However, like all lithium-ion batteries, they will gradually lose capacity over time with regular use. Proper care and adherence to charging guidelines can help extend their lifespan significantly.

For added peace of mind, our motors come with a 5-year warranty.

Maximising Battery Performance

By following these care tips and maintenance recommendations, users can prolong their battery's life while enjoying smooth and efficient operation of their motorised blinds. With proper attention, these blinds will provide years of seamless functionality and convenience.