

Battery Care Guide

Model Name:

Purchase Date:



MuickSandy.
YOUR CHAIR & SCOOTER SPECIALISTS

www.muicksandy.co.uk

Welcome

Congratulations
on your new
mobility scooter
from Muick Sandy!

Before starting your journey,
familiarise yourself with the
essential warnings, usage tips,
and helpful advice in this guide.
Proper battery care ensures
your scooter delivers reliable
performance for years to come.

*Always refer to your
user guide for specific
instructions regarding
your scooter model...*





General Guidelines



Use The Supplied Charger

Use the charger supplied with your scooter or an official Muick Sandy replacement. Avoid aftermarket chargers, as they can damage your scooter.



Switch Off Before Charging

Always switch off your scooter before connecting or disconnecting the charger to prevent any electrical issues or damage to the charging port.



Charge In A Well Ventilated Area

Charge your scooter in a well ventilated area, away from heat sources, open flames, or exits, to minimise the risk of overheating or fire hazards.



Avoid Under Or Overcharging

Follow recommended charging practices to avoid undercharging or overcharging, which can shorten battery lifespan.



Consider Storage Conditions Carefully

Temperature and environment can impact both your scooter and its batteries when not in use for extended periods.

Battery Types

Our mobility scooters use two types of battery: Lithium and Sealed Lead Acid (SLA) batteries.

Lithium Batteries

- ✓ Lightweight and compact
- ✓ Long-lasting performance
- ✓ Energy-efficient with fast-charging time
- ✓ Low maintenance
- ✓ 75% lighter than SLA batteries

Sealed Lead Acid (SLA) Batteries

- ✓ Cost-effective and widely available
- ✓ Easy to recycle
- ✓ Reliable for regular use

If you're unsure which battery you have, check your user guide or contact our customer support team.



Charging Tips

Charging Lithium Batteries

- **Initial Charge (Conditioning)**

Fully charge for 8-12 hours or until the charging LED turns green.

- **After Each Use**

Charge as needed for your next journey. Charging typically takes 6-8 hours. Ensure you observe the charger's LED indicator.

- **Long-term Storage**

Charge every 2 weeks to preserve life during periods of inactivity.



Lithium batteries perform best with regular top-ups, ideal for frequent use.

Charging Sealed Lead Acid (SLA) Batteries

- **Initial Charge (Conditioning)**

Perform an initial charge of 12-16 hours to condition the batteries.

- **After Each Use**

Recharge your SLA batteries for 8-12 hours after every journey.

- **Long-term Storage**

Charge every 2 weeks to preserve life during periods of inactivity.



Keep SLA batteries fully charged when not in use to maximise their lifespan.

Charging – 5 Simple Steps



Find A Suitable Space

Ensure the charger has adequate air circulation during use, as it may become warm or even hot while charging your scooter.



Connect The Charger To The Charging Port

Ensure your scooter is switched off, and ensure that the charging port on the scooter and the plug are clean and free of any dust, dirt, or debris.



Plug The Charger Into A Wall Socket

As a general rule, connect the charger to the scooter before plugging it into the wall socket. Refer to your product manual for specific instructions.



Switch On The Power

Turn on the wall socket to begin charging and monitor the charging process using the LED indicator on the charger.




Disconnect When Complete

Once charging is finished, always turn off the wall socket before disconnecting the charger from the scooter.



Factors Affecting Performance

Battery efficiency can vary based on several factors. Here are some tips to maintain optimal performance: 

- **Stick To Scooter Weight Limit**

Avoid exceeding your scooter's weight limit, as this increases power usage.

- **Minimise Travel On Difficult Terrain**

Rough surfaces and steep inclines can drain your scooter's battery much faster than smooth, level ground.

- **Maintain Correct Tyre Pressure**

Ensure tyres are properly inflated to the recommended pressure, as under-inflation can lead to energy loss and reduced efficiency.

- **Avoid Extreme Temperatures**

Extreme heat or cold can impact battery performance, requiring more frequent charging.

- **Ensure Regular Maintenance**

Regular servicing and maintenance of your scooter and its components help prolong battery life.

However, don't worry... your scooter battery is built to last and should give you many hours of worry-free travel!

Final Tips

Muick Sandy ensures all lithium batteries comply with British safety standards and are certified for air, sea, road, or rail transport.

- ✓ Always consult your airline for specific travel restrictions and guidelines regarding batteries, as different carriers may have varying policies on transporting scooter batteries.
- ✓ Your battery performance depends on terrain, weather, and operating habits. Awareness of these factors will help you plan our journeys effectively.



Contacts

For further support, contact the Muick Sandy customer care team.
We're here to help you stay mobile and independent!

Muick Sandy



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MuickSandy.

Freedom to live
life your way, each
and every day