

Quick Start Guide

12V Lithium Battery Charger

Getting Started

Thank you for choosing a Powerhouse Lithium battery. Please take a few moments to read through this important information to learn how to use your new battery safely and maximise its life.

The battery is shipped partial charged and will need to be fully charged before it is used for the first time using the specially designed Powerhouse Lithium charging pack. It is important not to use any other charging equipment with your Power House Lithium battery.

The battery can be connected to your trolley using an Interconnect or Anderson/Torberry connection cable. The cable required will vary depending on the connection method utilised by each trolley. If a different form of connection is required, please contact Powerhouse for further information.

IMPORTANT: If you are using an Anderson/Torberry cable, it is important to ensure that the red and black connections on the cable match those on the trolley. Failure to connect the cable correctly can severely damage the trolley electronics. If necessary, the plug can be easily altered to offer compatibility by following these simple steps:

1. Slide back the rubber covering from the red/black connections.
2. Slide the red/black connections apart by pushing them in opposite directions.
3. Once separated, swap the plug positions and slide them back together.
4. Replace the plastic covering sleeve.

Important Charging Advice

Please take a couple of minutes to read the following important safety and maintenance advice. Failure to adhere to these recommendations could reduce the lifetime of your Power House Lithium Battery significantly.

- The Battery must always be recharged after each use.
- Please ensure both battery and charger cables are in good condition.
- The charging unit should only be used with 110/240v mains supplies.
- The battery must be charged as soon as possible after use – it is advised to charge within 3 days.
- The battery must be charged on a dry non-carpeted surface.
- It must be charged in a well-ventilated area at temperatures ranging between 0°C and 35°C.
- It is important that the charging fan is fully functional and uncovered. (22Ah Model)
- Do not drop, throw, puncture or immerse the charger in liquid.
- The Powerhouse charger must not be used to charge any other type of battery
- The Powerhouse Lithium batteries must only be charged using the specially designed Powerhouse charging equipment.
- Both battery and charger must only be opened and maintained by authorised personnel – failure to adhere to this will void your warranty.
- The battery should be disconnected from the charger as soon as possible after charging.

How to care for your Powerhouse Lithium battery

- The battery should only be used in temperatures between -10°C and 45°C.
- Long-term storage above or below the recommended temperature range (for example in a car boot in winter) should be avoided.
- The battery should only be cleaned using a damp cloth – do not use abrasive or solvent-based cleaners.
- The battery is designed to be “Splash Proof” Do not allow to be placed in driving rain or be exposed to prolong water ingress. Do not drop, throw, puncture or immerse the battery in liquid. Cont...

Charging Procedure

Due to the unique design of the Powerhouse charging unit, the battery bag does not need to be removed before charging. Please ensure you have read the important charging advise before attempting to charge your battery for the first time.

18 Hole battery/Charger



1. Plug the charger into the mains supply; Red light should be lit on charger.
2. Connect the charger to the battery using the charger socket on the side of the battery.
3. Power light (Red) lit and depending on the charge in battery the some green lights will be lit. During charge the remaining green lights will blink until the battery become charged.
4. The charger will begin its charging cycle
5. Solid green lights means battery is fully charged.

Once charging is complete, it is recommended to disconnect the charger from the mains and battery.

PLEASE NOTE:

Always make sure the battery has started charging before you leave to charge. A full charging cycle can take between 4 and 5 hours but can vary depending on the level of discharge, battery condition, battery age and capacity. A new battery could take over six hours to charge fully.

Troubleshooting

My Powerhouse Lithium battery will not complete a full round of golf

It is important to charge your Powerhouse battery fully before using it. The specially designed Powerhouse charger will show a green light when charging is complete. If the problem persists, please contact Powerhouse for further advice.

My Powerhouse battery loses power mid-round

All Powerhouse Lithium Batteries contain a Battery Management System (BMS) to protect the battery and extend its lifetime. The BMS system can be triggered by excessive loads, overly steep hills or low voltage in the battery – normally caused by attempting to play considerably more holes than the battery is designed to achieve. The battery should restart when normal conditions are resumed or may need to be disconnected and reconnected in extreme cases. If this happens on a regular basis, please contact Powerhouse for further advice.

My Powerhouse Lithium charger is stopping and starting.

The Powerhouse Lithium charger is designed to synchronise with your battery to ensure efficient charging and this can cause the charger lights/fan to work intermittently at the beginning of the charging cycle. This is perfectly normal and should stop after a short period of time. If this continues for extended periods, please contact Powerhouse for advice.

My Powerhouse Lithium battery will not charge.

The Battery Management System (BMS) in all Powerhouse Lithium batteries is designed to protect your battery from damage and will shut down the battery if charging levels fall below acceptable values. This can be caused by attempting to play significantly more holes than the battery is designed to achieve or alternatively leaving the battery uncharged for long periods of time after use (in excess of two weeks). If your battery will not charge, please contact Powerhouse for further advice.

How to safely dispose if your Powerhouse Lithium battery.

At Powerhouse we are dedicated to protecting the environment and strongly recommend disposing of your Powerhouse Lithium battery in a safe and environmentally friendly way. Our batteries can either be taken to a registered recycling point or alternatively returned to Powerhouse to allow us to recycle them. At Powerhouse we are dedicated to protecting the environment and strongly recommend disposing of your Powerhouse Lithium battery in a safe and environmentally friendly way. Our batteries can either be taken to a registered recycling point or alternatively returned to Powerhouse to allow us to recycle them.

We would like to take this opportunity to thank you for purchasing this item.