



STEWARTGOLF
DREAM MACHINES



X7 BATTERY

CHARGING & MAINTENANCE GUIDE

20Ah LiFeP04 Battery
5A Charger

X7 LITHIUM BATTERY

The Stewart Golf X7 Lithium battery is manufactured by LitePower, a specialist in 12V lithium technology. The battery has been supplied in a protective neoprene case, which you should never have to remove.



Before you use the battery for the first time you will need to charge it fully with the charger supplied according to the instructions on the opposite page. **No other charger should ever be used with this battery.**

Always charge your battery directly after each use. One of the most damaging things you can do to any battery is leave it in a discharged condition. It is recommended that you recharge your battery within a maximum of 2 days after its last use.

BATTERY CARE

Your battery should be stored and recharged in a dry environment between 0°C and 35°C. It can be used in temperatures of -10°C to +45°C, but any long term storage at extreme temperatures i.e. car boot at the height of the summer or winter, should be avoided.

To clean your battery, just use a damp cloth. Do not use any solvents or abrasive cleaners.

Do not attempt to use the service terminals located on the top of the battery.

Do not short the terminals or open the casing. There are no serviceable parts inside and doing so will void your warranty.

Do not drop, throw or puncture the battery.

Do not immerse in water or any other liquid.

Do not solder anything directly to the terminals.

Only charge with the charger provided.

BATTERY CHARGER

The 5 amp battery charger is specially designed for this battery. It contains many advanced features designed to look after your battery, including short-circuit protection, overload protection & reverse polarity protection.



CHARGING PROCEDURE

It is important that the following procedure is followed to ensure a full charge:

1. Plug the charger into your mains supply.
2. Attach the battery cable to the charger matching the blue and black connections.
3. When the charging LED indicator turns green, the battery is charged.

The LED on the charger will change colour depending on the phase of the charge.

RED Battery charging.

GREEN Battery fully charged and ready to be disconnected.

4. The charging process will take between 3 and 5 hours.
5. Once charging is complete disconnect the charger from the mains power supply.
6. Finally disconnect the charger from the battery.

CHARGER CARE

A full charging cycle could take up to 5 hours, this will vary due to the level of discharge, battery condition and age of the battery.

Do not drop or throw the charger.

Do not immerse in water or any other liquid.

Do not disassemble the charger.

Do not cover the charger during use.

Do not use if the cables are frayed or damaged.

Only charge in a well ventilated dry environment & on a carpeted surface.

Only charge using a 110v/240v supply.

TROUBLESHOOTING GUIDE

My battery will not complete a full round of golf.

Was your battery fully charged before use?

You must ensure that the battery has completed a full charge cycle. A full charge cycle has only taken place if you see the red and green light. If you see a green light immediately, you must unplug the charger from the battery and the wall and leave to reset.

My battery stops during a round of golf.

Your battery is packed with electronics to monitor and protect it. If in the unlikely event that you push the battery beyond its designed capability, it will protect itself by shutting down. If this abuse is only light, the battery will restart automatically as soon as the load is taken off. If the abuse is of a major nature, the battery will shut down and will need to be disconnected from the trolley and reconnected to reset the electronics within the battery. If your battery keeps stopping on the course then please contact us for further advice.

The light flashes / makes a clicking noise during charging.

Sometimes the electronics in the charger need to balance with the electronics in the battery. If the flashing/clicking does not stop within 30 minutes, disconnect the charger from the battery and the wall, leave for 15 minutes and then follow the charge procedure as stated inside the guide.

My battery will not charge.

The Battery Management System (BMS) in the battery is designed to protect your battery from damage and will shut down the battery if charge 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 2 weeks). If your battery will not charge, it may need to be returned to be reset.

How to store your battery.

Your battery can be stored safely for periods of up to 3 months as long as it was fully charged before storage and is fully charged again after use.

If you plan to store for longer periods, ensure the battery completes a full charge cycle every 3 months. When not on charge, the battery and charger should be disconnected to prevent back discharge.

How do I dispose of my battery?

Your battery can be disposed of at any registered recycling point or alternatively you can return it to LitePower for safe and environmentally friendly disposal.

Contact Us:

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GREAT BRITAIN