

# Battery / Charger Instruction Manual



- Lead-Acid
- Lithium

PowaKaddy supply three types of battery:

Lead-Acid Standard - 18 hole

Lithium Standard - 18 hole

Lithium Extended - Up to 36 hole\*

\*In normal conditions the Extended batteries will do 36 holes when used on a PowaKaddy trolley. Conditions such as long or exceptionally hilly courses, wet ground conditions and excessively heavy golf bags may reduce the range of the battery.

\*\*Most lead acid batteries reach the end of their life in the second or third season and often without any apparent reason. Very hot or cold weather does not help. Even batteries that are treated identically have different life spans.



## Important Safety Information about Batteries & Chargers

- Never submerge the battery in water.
- Never leave the battery in the trolley when cleaning the frame.
- If you suspect your lithium battery has water inside do not use or attempt to recharge.
- Never use the charger or battery if the leads, contacts or casings are damaged.
- Dropping the battery may damage the cells or circuit components inside.
- A LITHIUM BATTERY THAT HAS BEEN SUBMERGED IN WATER OR SUSTAINED DAMAGE IS A FIRE HAZARD. **DO NOT USE THE BATTERY.** Place outdoors in a non-combustible container well away from flammable materials. DO NOT RECHARGE THE BATTERY. If you consult a Service Agent, you must explain what has happened. We recommend disposing safely at your local recycling centre.
- Avoid charging your battery in temperatures below 0 °C or exposing the battery to temperatures below -5 °C or above 40 °C.
- Always place the charger on a hard, flat heat resistant surface. Do not wrap or cover as the charger generates heat during use.
- Never expose the charger to rain, moisture or damp. If you suspect any of these have occurred then do not use the charger.  
Only charge your battery using the compatible PowaKaddy charger provided with your battery.
- Never discharge your battery other than in normal use on the trolley.
- Always check with your airline before attempting to transport batteries by air.



## Charging your Lithium Battery

- Place your battery and charger on a hard level surface and connect the battery and charger first before plugging in the mains power and switching on. Ensure you activate the charging cycle by pressing the Isolation Button. The Green LED will illuminate on the battery.
- The charger has 2 indicator lights to represent the status of the battery during the charging process. When connecting a discharged battery, the red light will illuminate to indicate the bulk charge state. When the bulk charging process is complete, the green light will illuminate.
- The battery should be removed from the charger after the green light is active.
- Never leave the charger connected to the battery with the mains supply switched off.
- We recommend you recharge your battery within 24 hours of use, no matter how many holes played.
- It may take up to 7 Hours for a Lithium battery depending on the capacity of the battery and depth of discharge when charging.
- Never leave your battery in a discharged condition for prolonged periods, this will reduce the life of the battery and your charger may be unable to recharge it.
- If the battery is not to be used for a period our advice is to store in a cool, dry place. Please ensure the battery is fully charged before storing and charge every month thereafter.
- Ensure your Lithium battery is switched off during transportation.
- Please refer to the product labels on your battery and charger for more information.
- At the end of the battery's life, dispose at your local recycling centre.

## Charging your Lead Acid Battery

- Place your battery and charger on a hard level surface and connect the battery and charger first before plugging in the mains power and switching on.
  - The charger has two lights. When connecting a discharged battery, the red light will illuminate. The green light will illuminate during the charging cycle. This does not mean the charge has finished. The battery must remain on charge for a minimum of 12 Hours.
  - Never leave the charger connected to the battery with the mains supply switched off.
  - We recommend you recharge your battery within 24 hours of use no matter how many holes played.
  - This may take up to 12 Hours for Lead Acid battery depending on the capacity of the battery and depth of discharge when charging.
  - Never leave your battery in a discharged condition for prolonged periods, this will reduce the life of the battery and your charger may be unable to recharge it.
  - If the battery is not to be used for a period of 3 months or more, then it is ok to remove from charge. Always fully recharge the battery until the green indicator light is shown before removing from the charger. Our advice is to store in a cool, dry place. Thereafter recharge the battery once a month.
  - New Lead-Acid batteries can sometimes take 2-3 rounds of golf before they become fully 'activated'. We have found that on rare occasions there is not enough capacity to complete a full round of golf. Our advice is to play only 9 holes on the first outing.
  - Please refer to the product labels on your battery and charger for more information.
- At the end of the battery's life, dispose at your local recycling centre.