

SAFETY PRECAUTIONS PLEASE READ

Lithium Phosphate LiFePO₄ Battery Packs

CHARGING

Only ever use a charger specifically designed to charge your battery i.e. the charger that was supplied with your battery pack. Be sure to take note of the points below:

- Do not leave your battery pack unattended whilst charging.
- Do not leave the battery charging for long periods. Always disconnect the charger from the mains and battery when the charger shows a full charge (green light).
- When charging indoors, do not charge overnight. Ensure your home is fitted with a working smoke detector.
- Only charge the battery between 0°C and 45°C ambient temperature. Charging outside this range may cause the battery to get hot.

IN USE

Misuse of the battery may cause the battery to get hot, or ignite and cause serious injury. Be sure to take note of the points below:

- Never discharge your battery with higher current than is recommended for your model of battery.

Model	BP2564	BP2568	BP2578	BP2570 BP2586 BP2786	BP2574 BP2588 BP2788	BP2576 BP2589 BP2789	BP2579 BP2590 BP2790	BP2580 BP2585 BP2785
Specification	12V 16Ah	12V 24Ah	24V 8Ah	12V 40Ah	12V 80Ah	12V 100Ah	12V 170Ah	24V 20Ah
Max continuous discharge current	30A	30A	8A	30A	30A	30A	30A	30A
Max peak current (for 10ms)	90A	90A	30A	60A	60A	60A	60A	60A

When treated correctly lithium phosphate battery packs are safe. Please abide by the following points to ensure the longest lifespan and safest use of your battery:

GENERAL

Misuse of lithium phosphate batteries may cause them to get hot, or ignite and cause serious injury. Be sure to take note of the points below:

- Do not heat or place the battery in fire.
- Do not short out the battery.
- Do not penetrate the battery's casing, or subject it to any forceful impact.
- Do not expose the battery to water or allow the battery to get wet.
- Do not disassemble or modify the battery. The battery contains safety and protection devices which, if damaged, may cause the battery to generate heat, explode or ignite.
- Do not place the battery in microwave ovens, high pressure containers, or induction cookware.
- Do not connect any other power sources to the battery other than the chargers supplied with the battery pack.
- Do not link battery packs together in any way.
- Immediately discontinue using the battery if it emits an unusual smell, feels hot, changes colour, changes shape, or appears abnormal in any other way. Place the battery in a dry location outside.
- In the unlikely event that the battery catches fire, contain by applying water and cover with a fire blanket or damp towel. This should only be done when the battery is disconnected from the mains charger.
- When your battery has reached the end of its life dispose of it responsibly by contacting your local refuse centre. Do not dispose of in general waste.

- If the battery is to be used by small children, the caregiver should explain the contents of the user manual to the children. The caregiver should provide adequate supervision to ensure that the battery is being used as explained in the user manual. The child should not be left unattended with the battery.
- The temperature range over which the battery can be discharged is -10°C to 60°C. Use of the battery outside this range may damage the battery or effect the performance and reduce its working life.

STORAGE

Storing the battery incorrectly may cause it to get hot, or ignite and cause serious injury. Be sure to take note of the points below:

- Do not store the battery in high temperature locations. Do not place the battery in direct sunlight or leave inside a car in hot weather.
- The temperature range over which the battery can be stored is -10°C to 45°C. Storage of the battery outside this range may damage or effect performance and reduce its working life.
- Keep out of the reach of children.
- Recharge every 6 months when in storage.

TRANSPORTATION

By law lithium batteries of a higher Watt-Hour than 100Wh should not be transported on passenger flights. As such, lithium phosphate batteries are not able to be transported on passenger flights. Please always contact your airline prior to travel if in doubt.