



Battery safety warnings



- Please ensure the Drypower Lithium battery is installed in accordance with the manufacturer's guidelines and applicable Australian standards.
- Wear eye and clothing protection. Avoid touching eyes while working near batteries. Wash your hands when done.
- If battery electrolyte contacts skin or clothing, wash them immediately with soap and water. If electrolyte enters an eye, immediately flood the eye with running cold water for at least 15 minutes and get medical attention immediately.
- Be careful when using metal tools in the vicinity of batteries. Dropping a metal tool onto a battery might cause a short circuit.
- Remove personal metal items such as rings, bracelets, necklaces, and watches when working with a battery. A battery can produce a short circuit current high enough to melt objects such as rings, causing severe burns.

The Drypower 12LFP150PS, 12LFP200P, 12LFP200PHR & 12LFP300P Lithium batteries are capable of Series connection (up to 4 modules) OR Parallel connection (up to 2 modules).

*Series AND Parallel connection at the same time is not allowed.

The following Instructions must be followed for Parallel connection.

1. DO NOT mix old and new batteries.
2. The Maximum Discharge current of the system must not exceed that of one of the individual batteries in the system (refer to individual battery data sheet for maximum current).
3. Prior to installation fully charge each battery separately on matching battery chargers.
4. Allow to rest for 30 minutes.
5. Check the individual battery Open Circuit Voltages (OCV) are within 300mV or less of each other, prior to connecting together.
6. Ensure inter-connecting power cables are of equal length.
7. Negative power cable is to be attached to Battery One. Positive power cable to be attached to Battery Two.
8. Once parallel connection in operation, ensure a full charge is applied every 3 months.
9. It is also recommended the batteries be disconnected and balance charged every 12 months (See steps 3 – 5).
10. We also highly recommend the addition of a Victron Energy battery monitor and/or shunt to monitor your system SOC and record usage history.

The above steps have been produced to maximise battery service life. Failure to adhere to the above may void product warranty.

