

How to replace the power board in the lithium battery station cabinet





Overview

Can a lithium battery smart circuit board be repaired?

In case of a circuit board fault, the battery is repairable. We supply spare circuit boards. This repair instruction describes how to replace the Lithium Battery Smart circuit board with a spare. Note that in this instruction, photos of a 200Ah 12.8V battery are used.

How do you connect a battery to a circuit board?

Position the circuit board above the battery. Ensure that the "BAT +" text is at the positive terminal and the "BAT -" text is at the negative terminal. Insert the top right-hand circuit board wire, with the text "+ 3V3", to the top right-hand busbar. Hand tighten the bolt using your fingers. Repeat this for the other circuit board wires.

How do you put a battery lid back on?

Place the lid back on the battery. In case the battery has screws, place and tighten the screws. Use a low torque setting, and do not over-tighten the screws to avoid damaging the screw holes. In case the battery was glued, use super glue to glue the lid back on. Use the glue sparingly.

How do you remove a battery from a car battery?

Remove the two large aluminium nuts from the terminals. Using a large flat head screwdriver and a hammer, lay the battery on its side and place the screwdriver at an angle in the seam between the top cover and the battery case, and give a few short and firm taps on the screwdriver with the hammer. Repeat at regular intervals around the battery.



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[Lithium Battery Smart circuit board replacement instruction](#)

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4. Replacing the circuit board

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