

Design V- Cost and Sustainability Report

Bill of Materials

The following pages contain the bought parts and made parts (with detailed processes) that go into making the High Voltage battery and Battery Management System

Some notes for Mass manufacture

- While it may be viable to assemble the Printed circuit boards by hand for the prototypes, it becomes cost prohibitive and excessively time consuming in the case of mass manufacture hence it would be better to outsource this process to a contract manufacturer.
- It would be better to use bent sheet metal for the battery box as opposed to riveted parts when it comes to mass manufacturing.