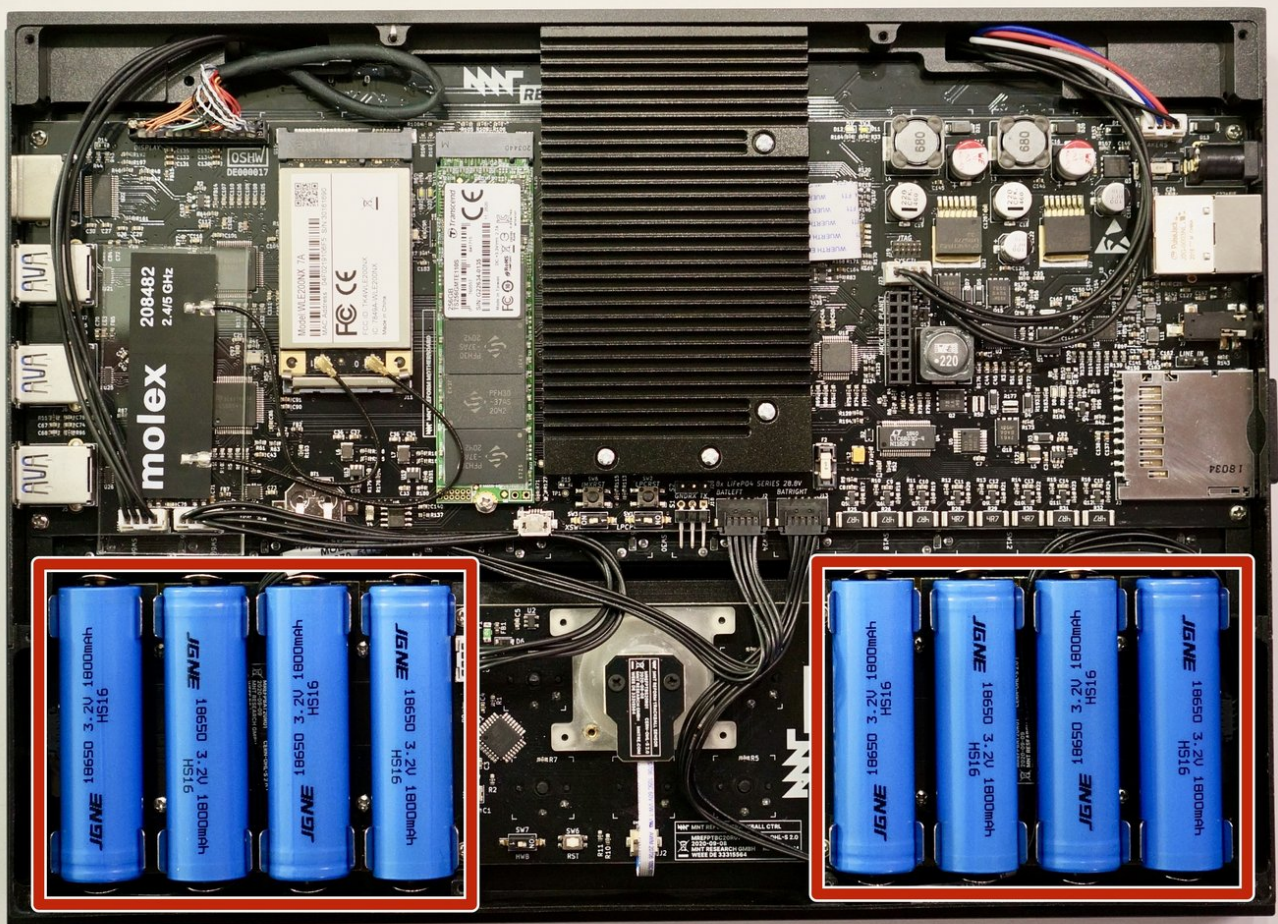




MNT Reform Battery Cells Replacement

Replace an aging or faulty 18650 LiFePO4 battery cell.

Written By: Neelfyn



INTRODUCTION

Use this guide to replace an aging or faulty battery cell. MNT Reform uses eight 18650 3.2V LiFePO4 batteries in series, which can be replaced individually.

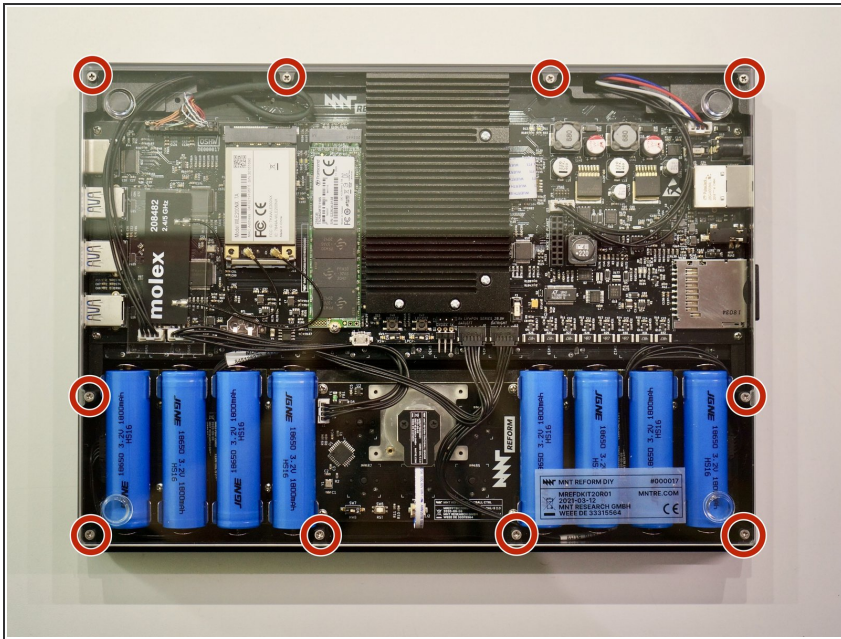
When fully charged, the battery cells combine to a voltage of almost 29 volts, and can easily deliver multiple amperes of current. Do not touch the metal pins of the battery holders with metal tools.



TOOLS:

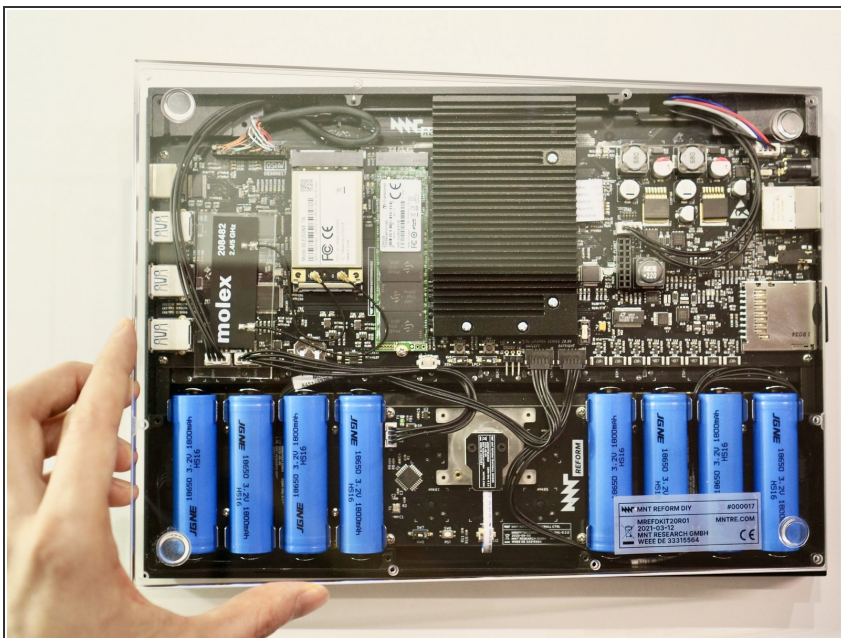
- [Phillips #0 Screwdriver](#) (1)

Step 1 — Remove Bottom Plate Screws



- Remove the following screws securing the transparent acrylic bottom plate to the main box:
 - Ten M2×6mm silver Phillips screws

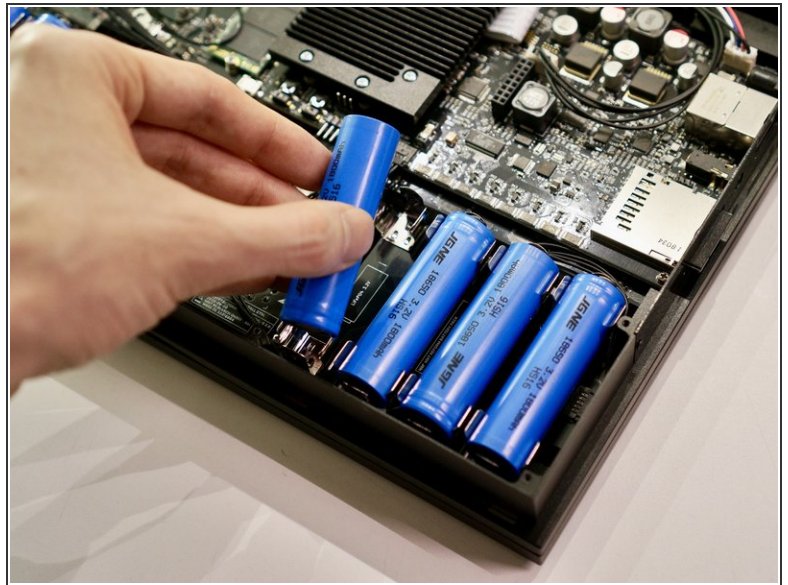
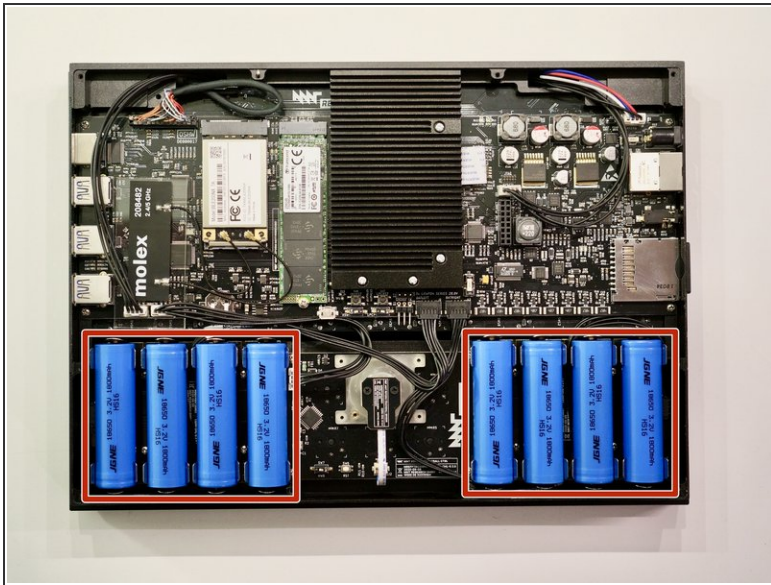
Step 2 — Remove Bottom Plate



- Lift the bottom plate and set it aside.

⚠ Before servicing anything on the inside, make sure to remove all battery cells.

Step 3 — Remove Battery Cells



- Pull out the eight battery cells one by one, and set them aside safely.
- ⚠ Do not use a metal tool to remove the batteries. You may accidentally short-circuit the metal pins of the battery holders.
- ⚠ When replacing the batteries, **pay attention to the polarity!** Inserting a cell the wrong way in will damage your device.
- ⓘ The circuit board indicates the + and - orientation for each cell.

To reassemble your device, follow these instructions in reverse order. Ensure that no cables are squeezed when replacing the bottom plate. Don't overtighten screws.