



Mophie PowerStation 5X Teardown

Open the Mophie Power Station 5X for teardown and repair purposes

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INTRODUCTION

Open and disassemble the power pack for repair purposes. More details:

<https://www.facebook.com/notes/larry-che...>

TOOLS:

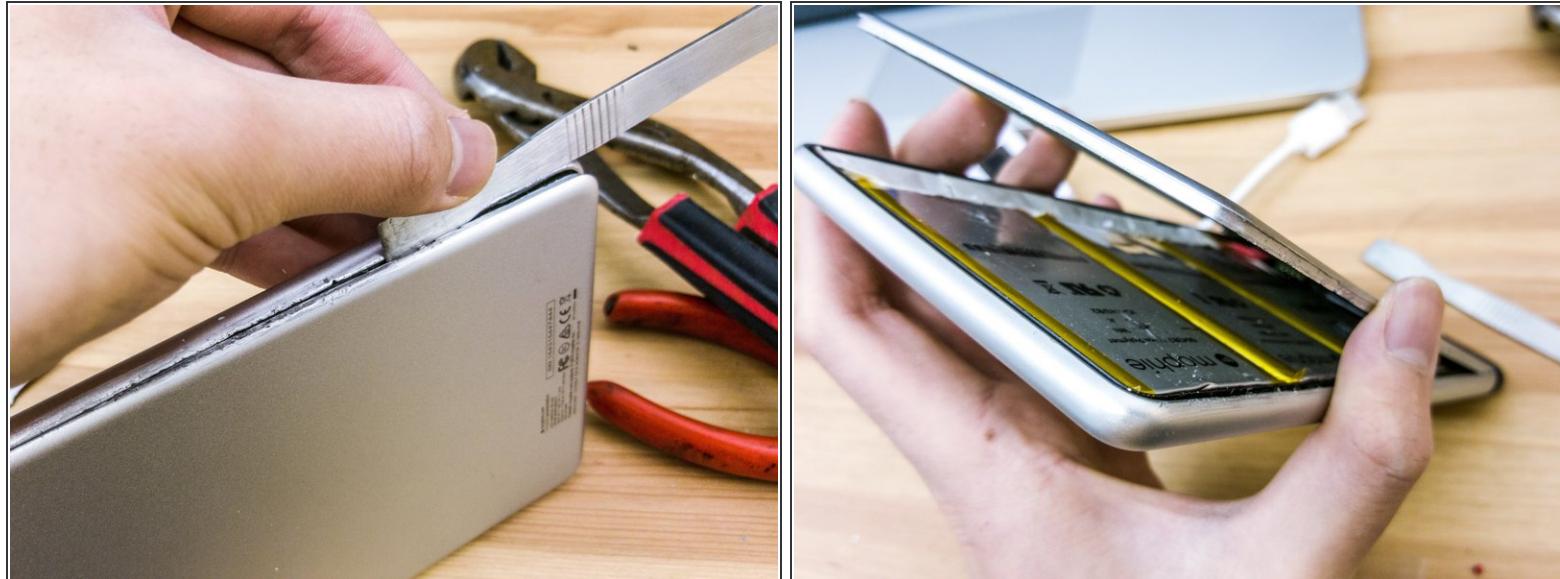
- Metal Spudger Set (1)
- flat head & philips screw driver (1)

Step 1 — Mophie PowerStation 5X Teardown



- The device.

Step 2



- Open the device using a flat head screwdriver and pry the lid up from the middle carefully.
- Use a metal spudger along the side to open the lid.
- Don't push inside too much.
- This will damage the metal case.
- The lid is glued to the plastic in the front.

Step 3



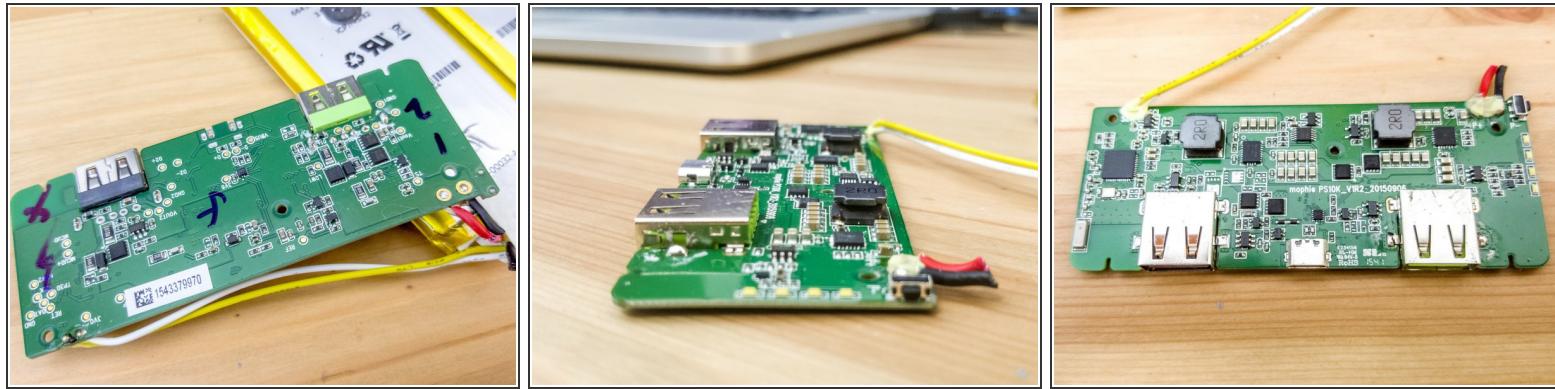
- Disconnect the battery pack.
- If you're having problems with the device, disconnect the battery and then reconnect it. That solved the no output problem for me.

Step 4



- Photos of interior.
- Battery is lightly glued.

Step 5



- More images

Step 6



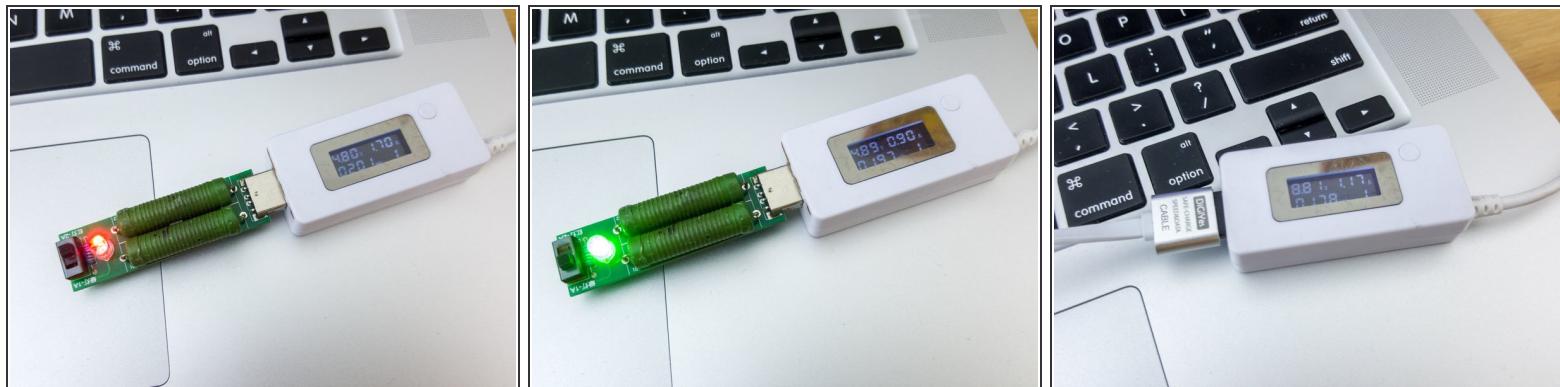
- More photos

Step 7



- More images

Step 8



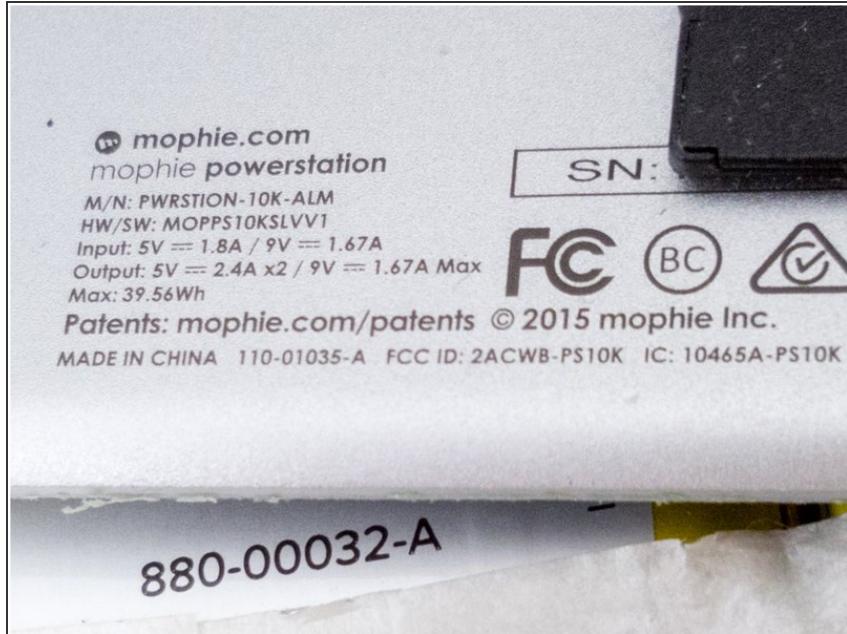
- Power and current measurements. Red light is 2A load, green is 1A load. Max. power draw of Galaxy Note5 connected to fastcharge port is 1.62A.
- Charge current measured at 5V and 9V.

Step 9



- simultaneous input and output supported.

Step 10



- ratings