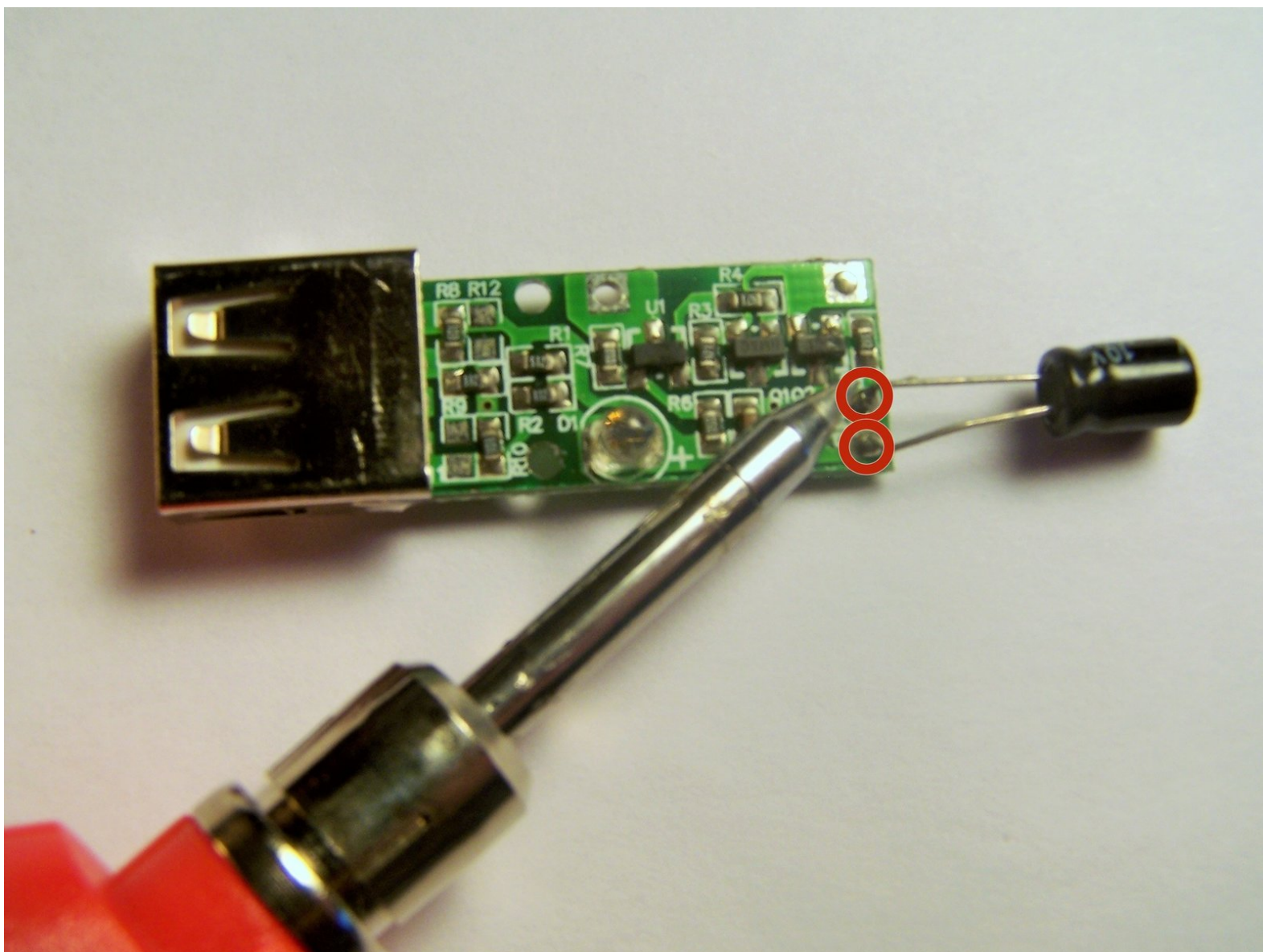# Nokero SunRay Pro Power Panel Capacitor Replacement

The P102 model comes equipped with a 100 microfarad capacitor. If your panel is not able to transfer a charge to your device, you may need to replace the capacitor.

Written By: Nicholas Orr

This document was generated on 2020-11-28 04:15:43 AM (MST).

© iFixit — CC BY-NC-SA                    www.iFixit.com                    Page 1 of 6

# INTRODUCTION

Not being able to charge your device may mean you have a bad capacitor. Follow these simple steps to get yours replaced.
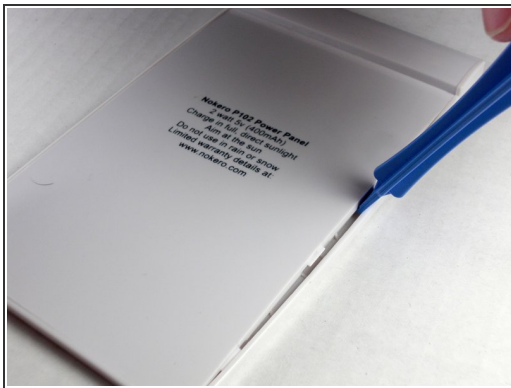
---

## 🔧 TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tools (1)
- Soldering Iron (1)
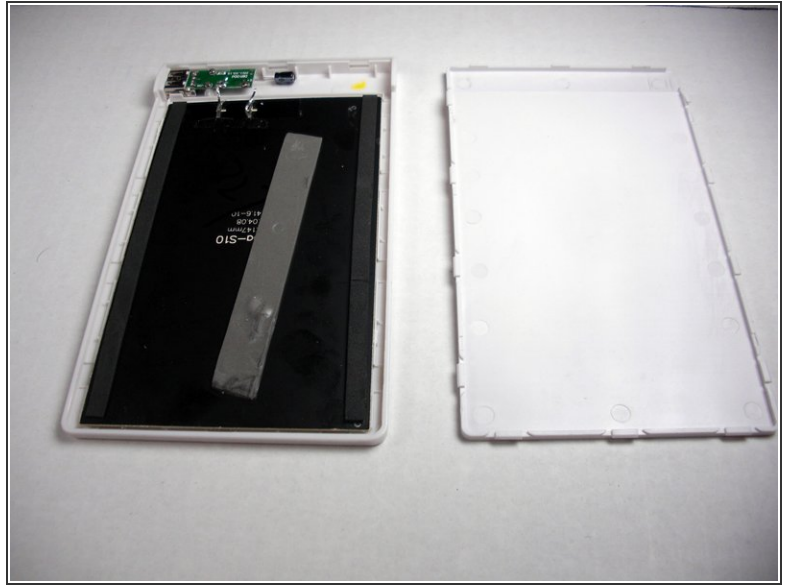
---

## Step 1 — Front and Back Case



- Turn over the device so that the back of the device is facing up.
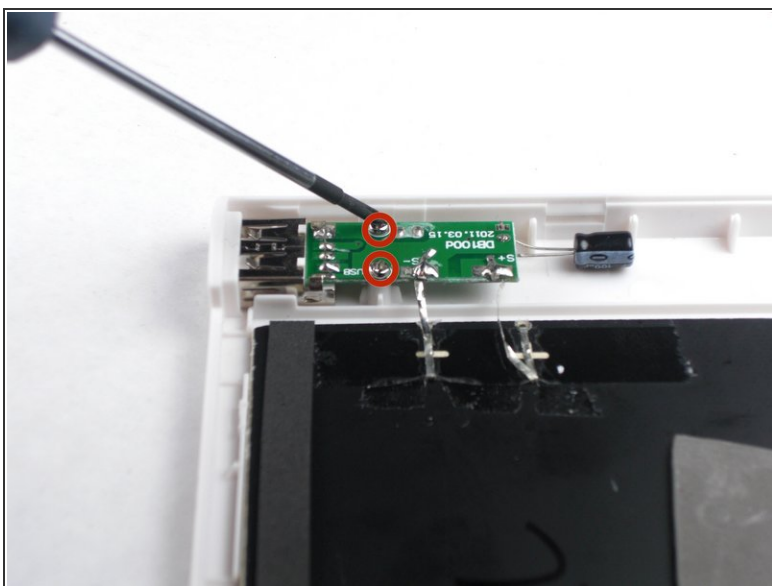
## Step 2



- Insert the first plastic opening tool along the side to pry open the case.

- (i) Sliding the plastic opening tool, while inserted, along the seam may help the removal process.

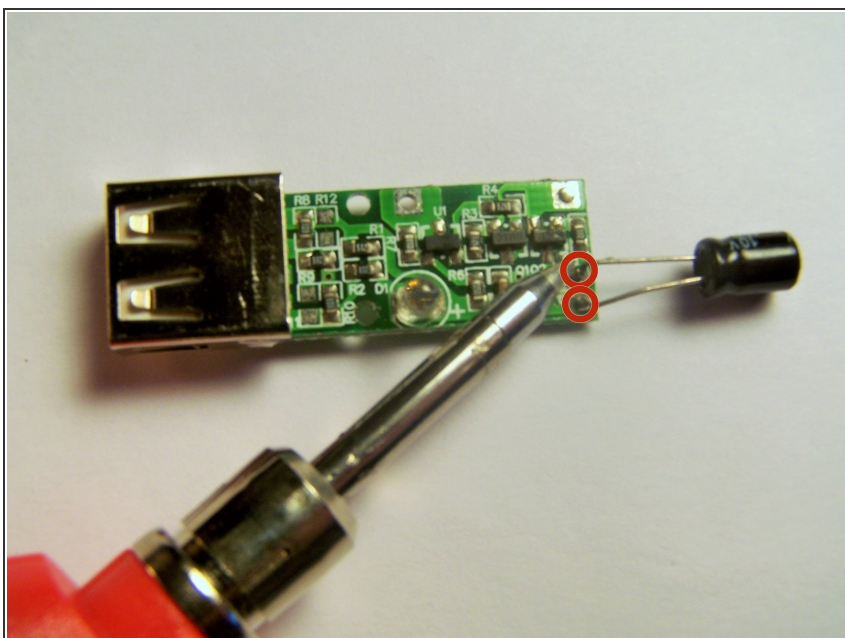- Use a second plastic opening tool to help separate the remaining seams.

## Step 3



(i) There is a long strip of double sided adhesive foam tape that prevents the back case from easily being removed.

● Pull the back case off by applying steady pressure to remove it from the adhesive foam tape.
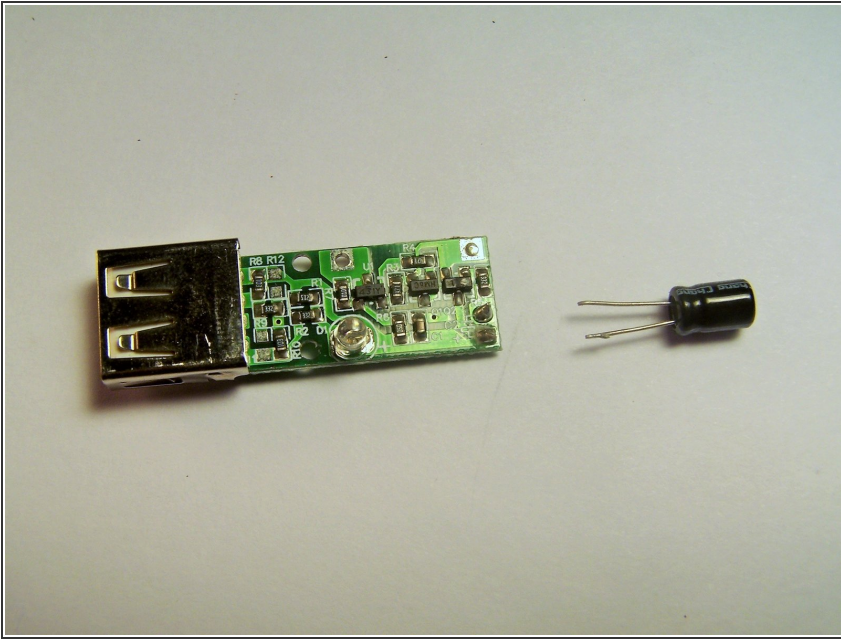
　　　　　　　　　www.iFixit.com

## Step 4



- Use the Phillips precision screwdriver to unscrew the two 5.0 mm Phillips screws from the circuit board.

- Remove the solar panel and circuit board from the front case.

## Step 5 — Capacitor



- Use the soldering station to desolder the two contact points around the connections of the capacitor to loosen the metal.

This document was generated on 2020-11-28 04:15:43 AM (MST).

## Step 6



- Pull the capacitor through the circuit board to remove it.

---

To reassemble your device, follow these instructions in reverse order.

This document was generated on 2020-11-28 04:15:43 AM (MST).