

Water-Damaged Electronics Recovery Guide

Important Warning

If your device has been exposed to water, do NOT power it on or attempt to charge it. Doing so could short the circuits permanently.

Avoid disassembling the device unless you're experienced. It's okay to open a back cover if accessible, but do not remove internal components unless absolutely necessary. Inexperience in disassembly can cause more harm than the water damage itself.

Step-by-Step Procedure

1. Turn Off Immediately:

- If it was on, power it down. If it's already off, leave it off.

2. Remove Power Sources:

- Remove any removable batteries, unplug cables, SD/SIM cards, etc.

3. Shake Out Excess Water:

- Gently shake and pat the device dry with a microfiber cloth or paper towel.

4. Optional: Rinse Logic Board with Isopropyl Alcohol:

- Only if you're experienced. Submerge **ONLY** the logic board (not screens or batteries) in 90%+ isopropyl alcohol to displace water and remove contaminants.

5. Dry Thoroughly:

- Use airflow (fan or indirect warm air) and let the device dry for at least 3-7 days.
- Place it in a sealed container with silica gel packets if available.
- Rice is not ideal but better than nothing.

6. Wait Patiently:

- Even if it looks dry, internal moisture may still exist. A full week of drying is recommended.
- From experience, devices may begin to work after a week of drying - patience pays off.

7. Reassemble and Test:

- Once completely dry, reassemble carefully and attempt to power it on.
- If it fails, consider professional diagnostics.

Note: Corrosion may still appear over time. Monitor for odd behavior.

From Experience

In one case, a device began working again after a full week of drying. However, opening the device and attempting to remove the internals led to accidental damage. Had it just been left to dry longer without unnecessary interference, it likely would have recovered fully. Sometimes, less is more when it comes to water damage recovery.