

How to fix a laptop battery that won't charge.

There are many reasons why a laptop battery might not charge, such as: problems with the charging cable, a lack of power, or a battery issue. Before considering taking it to a repair shop or replacing the battery, you should first check one of the possible causes and follow our troubleshooting steps.

Benefits of this article:

- Causes of battery not charging.
- Solutions.

The common cause of a laptop not charging is a faulty charger or battery, or a driver issue. Taimienphi will guide you on how to check and troubleshoot these basic problems before taking your laptop to a service center or repair shop if troubleshooting the charging issue fails.



Tips for fixing a laptop that won't charge

1. **Reconnect the charger.**
2. **Check the battery.**
3. **Check the charging cable.**
4. **Check the charging port.**
5. **Check the software on your computer.**
6. **Update the drivers.**
7. **Check the laptop's temperature.**
8. **Seek assistance from professionals.**

1. Plug the charger back in.



Laptop charging failure due to charging port issue.

The first thing you need to do is check the connections between the power cord and the power outlet, the power cord and the adapter, and the adapter and the computer's charging port. You can also use a voltage tester to check the power supply or plug it into a different outlet to test.

2. Check the battery.



Laptop charging failure due to battery issue.

If the power supply seems normal, continue searching for the problem in the battery or the computer itself. Try removing the battery and plugging the computer directly into the power source to test it again. If the computer works normally, then your battery is most likely the problem. To be sure, try installing the battery in another

comparable computer to test it.

Note: Close all applications and completely shut down the device before removing the battery.

3. Check the charging cable.



Laptop charging failure due to faulty charging cable.

This is a fairly common problem where the charging cable has an internal break, preventing the battery from charging. You can check visually or use specialized equipment such as a cable continuity tester.

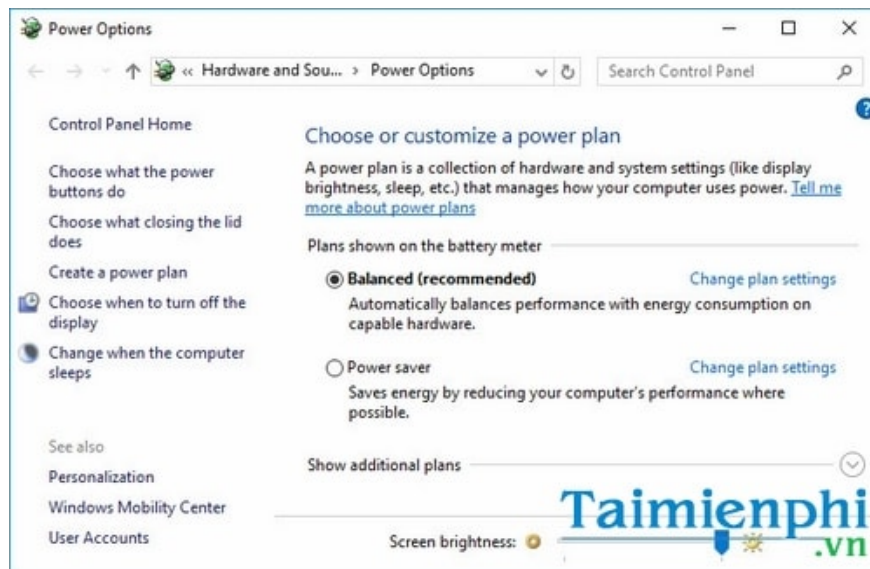
4. Check the charging port.



If your laptop battery isn't charging, it could be due to a problem with the charging port.

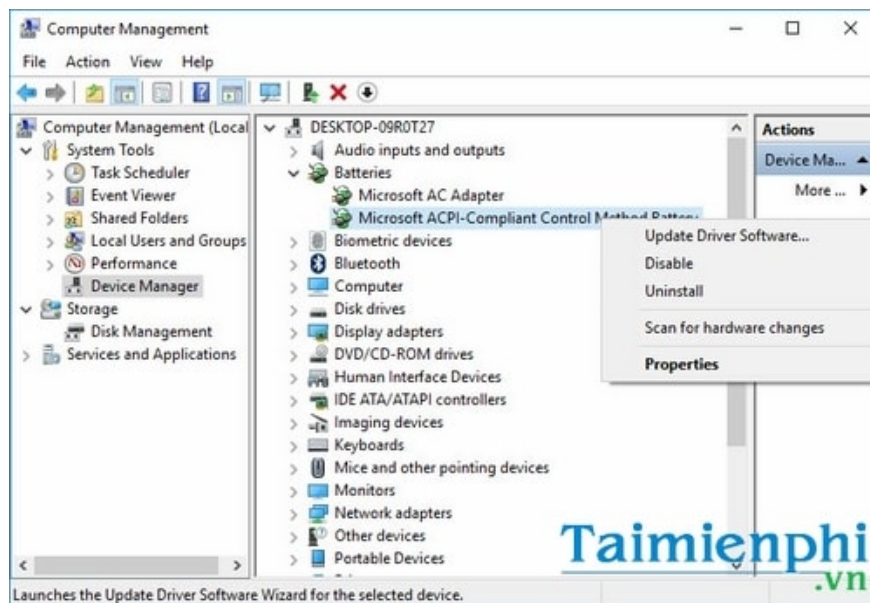
You should also check the charging port. If you notice any unusual color or burning smell, you should take it to a reputable computer repair shop or service center for repair. Because this component is directly connected to the computer's motherboard, repairs will be more complex and costly.

5. Check the software on the computer.



To manage computer power, Windows provides many options for users to customize their computer's power settings. Examples include screen timeout and sleep options.

6. Update the drivers for your computer.



Laptop battery not charging - driver error

On Windows, there are several drivers for battery and power supply devices. If your laptop isn't charging, you should also check and update these drivers. Go to Device Manager and update the drivers in the Batteries section.

7. Check the laptop's temperature.



Laptop charging failure due to overheating.

Sometimes, excessively high laptop temperatures can cause the laptop to fail to charge. Furthermore, high temperatures can lead to problems such as fires and explosions, posing a danger to users. You should check your computer's temperature, use a cooling fan, and avoid using your laptop in environments with poor heat dissipation or high temperatures.

8. Seek assistance from professionals.

Laptop charging problems are mostly hardware-related, and repairs require expertise. Therefore, when experiencing battery or charging issues, you should seek assistance from authorized service centers or repair shops to avoid further damage to other devices or electrical safety hazards.

Another possibility is a worn-out laptop battery. Charging the laptop becomes very difficult in this case. You should **check your laptop battery for wear and tear** to determine the exact reason why your laptop isn't charging and find the most effective solution.

Above are some ways to check and fix a laptop battery that won't charge. These are the most basic steps you can do yourself at home whenever you encounter problems with your laptop battery or charger. You can also install additional software to help check and monitor battery status, such as **Battery Optimizer** and many others.

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