

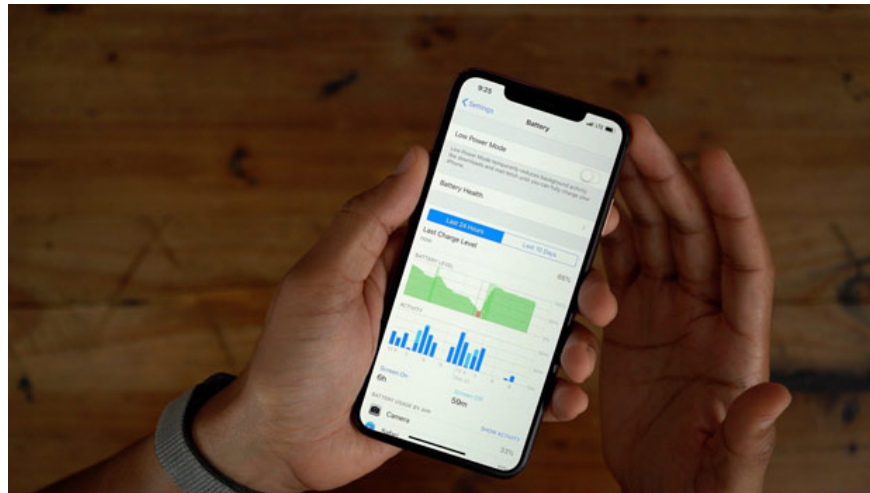
See only the battery status of the iPhone if you replace the original battery

iOS will display a warning about the condition of the battery for new iPhones that have been replaced on external batteries and not at Apple-authorized locations.

After a period of use, many users often replace new batteries to ensure device performance reaches the highest level.

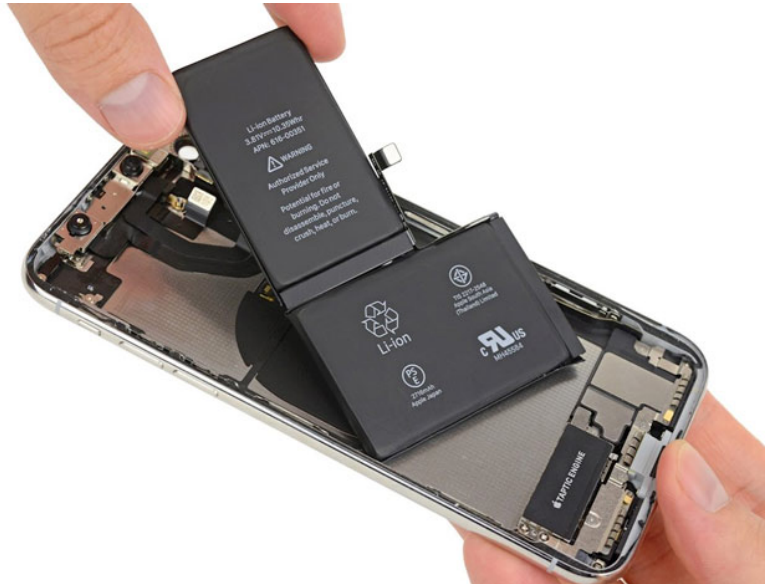
To check when the device needs battery replacement, users only need to access the Settings -> Battery -> Battery status. If a warning appears and the maximum battery capacity is below 80%, you should replace the battery for the device.

However, according to some sources said, iOS will display a warning about the status of the battery for new iPhones that are replaced on the outside but not at Apple-authorized locations.



Specifically, if the battery on the iPhone XS, iPhone XS Max and iPhone XR is not replaced at Apple locations, a big notice will appear in the Battery Status section.

According to PhoneArena, Apple's move aims to prevent users from replacing batteries on iPhones from unknown sources. Even if you replace genuine Apple batteries from one computer to another but not at the authorized centers, this message will still appear.



From iPhone 2018 onwards, the actual battery capacity check feature will not work if the battery is replaced in places not authorized by Apple.

To know if the battery is being replaced at the right place, Apple added bq27546 controller chip from Texas Instruments on the battery of new iPhones. This chip not only provides information about the temperature, maximum capacity and remaining battery life, but also serves as a battery authentication device with the motherboard. The warning will appear if the chip is removed.

Of course, if the above message appears that the user cannot only see the actual battery capacity because it does not replace the battery at Apple-authorized locations, the battery still works normally.

Thus, for iPhone users 2018 onwards, if there is a need to replace the battery, they must go to Apple Genius warranty counters or authorized Authorized Service Center (Apple Authorized Service) to view the actual capacity. The cell of the new battery.

3:16



[Settings](#)

Battery

Low Power Mode



Low Power Mode temporarily reduces background activity like downloads and mail fetch until you can fully charge your iPhone.

Battery Health

[Service](#) >

As you use your iPhone, battery usage will be reported here.

3:16



[← Battery](#)

Battery Health

Important Battery Message

Unable to verify this iPhone has a genuine Apple battery. Health information not available for this battery.

[More info...](#)

Maximum Capacity

This is a measure of battery capacity relative to when it was new. Lower capacity may result in fewer hours of usage between charges.

Peak Performance Capability

This iPhone is unable to determine battery health. An Apple Authorized Service Provider can service the battery. [More about service options...](#)

Since Apple has blocked the charging / discharging cycle parameters from iOS 10, downloading 3rd party applications for testing is no longer effective.

1. iOS 13 has a special feature that makes the iPhone battery not fully charged 100%
2. Apple will provide a special iPhone version for hackers

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