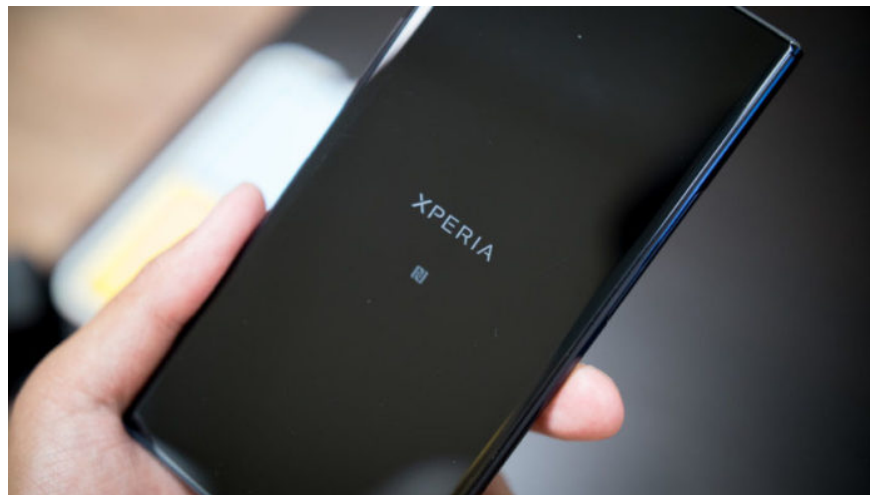


Instructions on how to charge the battery to best protect the phone battery

- Here's how to charge the battery to help increase the durability of the phone that you should not ignore.

Typically, phone companies will use two battery standards: Li-Po (Lithium Polymer) and Li-Ion (Lithium Ion). So to have the best way to charge the two batteries above, please refer to the following.

Li-Ion battery (Lithium Ion)



The battery uses liquid electrolyte, encased in a metal case, so it will have a heavy weight, little choice of shape and size. However, it is still used for many smartphone models on the market today.

Li-Ion is the main component of the electrolyte that plays an environmental role for Li^+ ions to move between the two electrodes. When the device is active, the Li^+ ions will go from the anode to the cathode and the process is reversed when charging, after each 'discharge - charge' it completes a cycle.

If based on theory, this "charge-discharge" cycle will never end but in fact still causes the battery bottle phenomenon due to the accumulation of an amount of ' Li^+ ' at two electrodes when chemical processes. happens in the battery. Easy to cause fire or explosion if used incorrectly.

Because of this reason, phone manufacturers often use Li-Po batteries than Li-Ion. It is expected that in the future, Li-Ion batteries will likely disappear from the market.

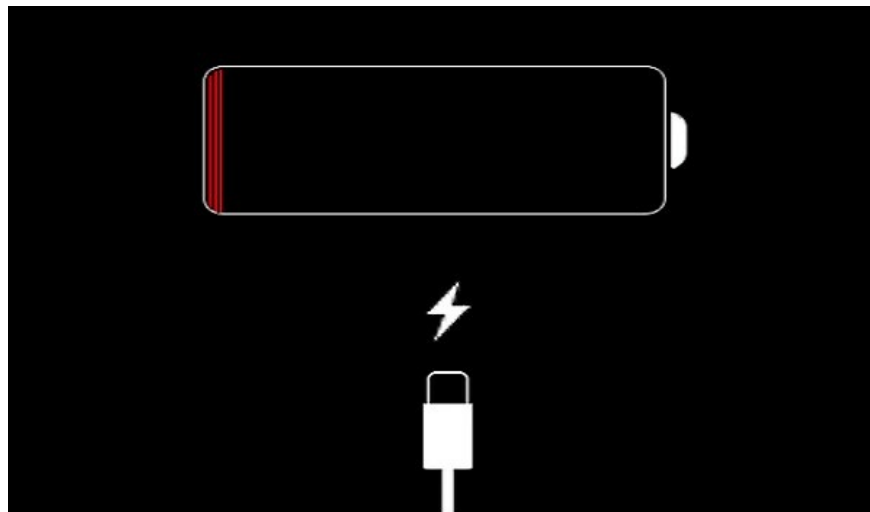
Li-Po battery (Lithium Polymer)



Batteries have a very thin surface structure compared to other types of batteries with high capacity, providing continuous power for the device. Moreover, Li-Po batteries can be produced in many different sizes.

In form, the battery model outperforms the Li-Ion battery, but the price is quite high and the service life is only about 1,000 times of charge discharge, depending on how the user discharges and charges the battery.

There is a point worth noting, though Li-Po battery less fire but when burned, it is very large, even exploding when improperly charging. Limit the battery to be too weak to charge and discharge too many times because it is easy to reach the battery bottle.



Regardless of the battery, users need to pay attention that it is not necessary to charge 3 times for the first 8 hours and discharge the battery again because it will cause the battery to break faster. In particular, both charging and using are the main causes leading to the battery bottle, explosion, so users should be limited.

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