

Q&A: How long does it take to charge an HP laptop battery to full?

How long does it take to charge an HP laptop battery to full? What is the correct way to charge HP laptop batteries to help limit battery wear and increase battery life? Let's find out right here!

Not everyone who uses HP laptops understands how to charge the battery, along with incorrect charging habits that will accidentally cause the battery to wear out. So, how long does it take to charge an HP laptop battery to full? What is the optimal charging method to increase the durability of laptop batteries? Don't miss this article by TipsMake.

How to charge HP laptop when first purchased

When you first buy an HP laptop, you should not use it immediately but must follow the charging method below to ensure battery durability.

You need to charge the battery 3 times for 8 hours each time . That is, after buying the computer, you charge the battery for the first time for 8 hours continuously, after that time you stop charging and use it until only 10% of the battery remains.

Picture 1 of Q&A: How long does it take to charge an HP laptop battery to full?

At this time, you continue to charge and discharge the battery within 8 hours similarly. Only after 3 times have you used the device as normal.

The reason for such a rule is so that the laptop battery can switch to normal operating status. At the same time, this will ensure the laptop battery is durable, lasts a long time and minimizes the case of the laptop battery being corroded or damaged after a period of use.

Why do HP laptop batteries wear out quickly?

Normally, the battery will lose 20% after 800 - 1000 charges. That is, after the above number of charging times, the computer's battery life will be reduced by 20% compared to the original.

For example, your computer can be used for 8 hours, but after you charge it to the threshold of 800 - 1000 times, the computer battery can only meet the continuous use time of 6.4 hours (ie 20% reduction compared to initial 8 hours).

Thus, if your computer battery has a rapid deterioration, it may be caused by one of the following cases:

1. The battery drains quickly because the number of battery charges has reached or exceeded 1000 times, and at this time the device runs out of battery very quickly. If possible, you should buy a new battery to ensure it meets your usage needs.
2. The battery drains quickly because you use it for too long and don't let the battery reach 10% before fully charging it.
1. The battery drains quickly because you charge and discharge the battery at the same time, meaning you charge and use the computer for a long time at the same time.

Most of the causes of battery drain often come from charging the battery incorrectly. In fact, most young people who do not understand much about computers often have unscientific battery charging habits, leading to reduced battery life and even battery wear and damage.

Picture 2 of Q&A: How long does it take to charge an HP laptop battery to full?

How to charge HP laptop battery properly

HP computers will often be equipped with Li-ion battery technology. Thus, when the battery is 100% fully charged, the computer battery will automatically stop charging. At that time, the computer will use the direct energy provided by the charger to operate instead of using the computer's battery power. At this point, you can safely use it without worrying about the battery being depleted.

In addition, every day the computer battery will decrease by 1%. The reason comes from the system of programs running in the background of the computer. Even though you have turned off the computer, some other programs will still be running, causing battery drain.

When the battery reaches 94%, the computer's battery will connect to the charger again to fully charge up to 100%. Thus, using the computer when the battery is at 95 - 100% will be a safe level to help protect the battery's durability and the battery will not be damaged.

Picture 3 of Q&A: How long does it take to charge an HP laptop battery to full?

How long does it take to charge an HP laptop battery to full?

After you buy a new HP computer and charge it 3 times for 8 hours as instructed above, the battery will be at 100% the last time it is charged. Then, you can plug in the laptop charger and use it as usual. This is the time when your computer uses power directly from the charger instead of the battery, so you can be completely assured that the battery is not affected or will not wear out quickly.

At the same time, you need to pay attention to the amount of battery loss each day (1% loss/day). After about 4 - 5 days, when the battery has 95 - 96% battery left, you should unplug the charger to discharge the battery. At this point, you can use the computer as normal and the power source for the computer to operate will come from the computer battery.

Picture 4 of Q&A: How long does it take to charge an HP laptop battery to full?

When you have 10% battery remaining, charge it for 8 hours to reach 100%. Now, you will repeat the instructions above, continue to charge and use until the battery is 95 - 96% (after 4 - 5 days).

If after that period of time, the battery drops and is only at 95 - 96% and you do not unplug the charging cord, the computer battery will automatically continue to charge. This means that you are charging and discharging the battery at the same time, causing the battery to degrade quickly.

In addition, you should discharge the battery, that is, use the computer without the charger plugged in after about 1-2 weeks so that the remaining cells in the battery are fully used, avoiding unused cases causing damage. worth having.

Epilogue

In general, to prevent HP laptop batteries from being corroded and improve battery life and durability, you need to be fully equipped with knowledge about batteries and properly charge them as instructed above. The article has answered the question of how long it takes to fully charge an HP laptop battery. If you have any questions, please leave them in the comments section below so that TipsMake can support you immediately.

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