

Top 16 best backup chargers 2019

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It's frustrating when your phone or tablet is constantly running out of battery without being near a power outlet. Fortunately, backup charging is the lifesaver, it has enough sizes, capacities and different prices. Many backup chargers are also equipped with features such as fast charging, wireless charging, with cable, AC adapter, and LED lights.

With so many options on the market, how do you know which backup charger is right for you? This article will introduce some of the best backup chargers for you to choose from.

Note: The backup charge in this article is for reference only at the time of writing, subject to change. You should contact the seller to get the most accurate price.

The best backup charger and note when choosing charger

1. The best backup charger
 1. Anker PowerCore 10000 (840 thousand VND)
 2. Anker PowerCore II 20000 (VND 1.4 million)
 3. Anker PowerCore + 26800PD (over 3 million VND)
 4. Aukey 10000mAh Power Bank With Power Delivery (nearly 700 thousand VND)
 5. Xiaomi Mi Power Bank Pro (nearly 700 thousand VND)
 6. Belkin Pocket Power 5K Power Bank (nearly 700 thousand)
 7. Belkin Valet Charger Power Pack (2.3 million VND)
 8. iMuto Portable Charger X6 Pro (2.3 million VND)
 9. iQunix MiniPower (256 thousand VND)
 10. Mophie Charge Force Powerstation (VND 2.3 million)
 11. Mophie Powerstation AC (VND 4.7 million)
 12. Mophie Powerstation Keychain (930 thousand VND)
 13. Moshi IonBank 3K (1.5 million VND)
 14. Moshi Porto 5K Portable Battery With Built-In Wireless Charger (nearly 2 million VND)
 15. Nimble 10-Day Fast Portable Charge (more than 3 million)
 16. RavPower USB-C Portable Charger 20100mAh Power Bank With QC 3.0 (VND 1.4 million)
2. Some features to keep in mind when choosing backup charger
 1. Size and capacity
 2. Input and output ports
 3. Fast charger
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5. Should you buy the phone cover to charge the battery?

The best backup charger

1. Anker PowerCore 10000 (840 thousand VND)

Use with : Phone, tablet



Anker PowerCore 10000 is a compact, affordable, easy-to-use backup charger that supports Qualcomm's Quick Charge 3.0 standard. You can use the phone continuously all day with this charger thanks to 10,000mAh battery. This standby charger is powerful, economical and is a good choice if you can ignore the pass-through charging feature (technology that allows a device to be charged with a spare battery being connected to the power supply).

2. Anker PowerCore II 20000 (VND 1.4 million)

Use with: Phone, tablet



If the standby charger is only one USB port not enough for you, Anker PowerCore II 20000 has twice as many ports and twice the capacity (20,000mAh) of PowerCore 1000 will be the right choice for you.

3. Anker PowerCore + 26800PD (over 3 million VND)

Use with: Laptop, phone, tablet



Anker's PowerCore + 26800 PD has an additional USB-C port, allowing charging Notebook with phones and tablets thanks to a 26,800mAh battery capacity. This backup charger is suitable for Macbook, Surface and Chromebook users.

4. Aukey 10000mAh Power Bank With Power Delivery (nearly 700 thousand VND)

Use with : Phone, tablet



Aukey 10000mAh Power Bank With Power Delivery has a 10,000mAh battery, a USB-C port with Power Delivery, a USB-A port with Quick Charge 3.0 standard and a traditional USB-A 5V port. With such a large capacity battery, it only takes four hours to charge via the USB-C port with an 18W charger adapter.

5. Xiaomi Mi Power Bank Pro (nearly 700 thousand VND)

Use with: Phone, tablet



Xiaomi Mi Power Bank Pro this affordable price is a 10,000mAh battery, can be pocketed. It can provide power for a working day on the phone. It is a change in appearance with a thin, bright metal design.

6. Belkin Pocket Power 5K Power Bank (nearly 700 thousand)

Use with : Phone, tablet



Belkin's Pocket Power 5K Power Bank is a portable, affordable and durable backup charger. It has a small 5,000mAh battery and is lightweight to fit in your pocket. It has a single USB-A port with 5V 2.4-amp output for fast charging of phones. And the highlight of this backup charger is that Belkin provides a connected device warranty of up to more than 58 million VND if your phone is broken while charging through this backup charger.

7. Belkin Valet Charger Power Pack (2.3 million VND)

Use with : Apple Watch, iPhone



Belkin Valet Charger allows you to charge your Apple Watch and iPhone at the same time thanks to the integrated wireless charger. This standby charger is quite expensive while only a small battery with a capacity of 6,700mAh is available.

8. iMuto Portable Charger X6 Pro (2.3 million VND)

Use with : Laptop, phone, tablet



Portable iMuto Charger X6 Pro boasts a large 30,000mAh standby charger with reasonable price, along with multiple ports and fast charging support. However, it is quite heavy at 680 grams.

9. iQunix MiniPower (256 thousand VND)

Use with : Phone



iQunix MiniPower is the same size as this lipstick, which only contains low capacity 3.350mAh but it is cheaper and easier to carry than other backup chargers.

10. Mophie Charge Force Powerstation (VND 2.3 million)

Use with : Phone, tablet



Mophie Charge Force Powerstation has wireless charging for supported phones and tablets. It costs more than most other 10,000mAh batteries because of the integrated Qi charging system. If your phone is compatible, you don't need a cable to charge it.

11. Mophie Powerstation AC (VND 4.7 million)

Use with : Laptop, phone, tablet



Like its name, the Mophie Powerstation AC has an AC port to charge any device that needs a full-size power outlet, such as a laptop. However, this 22,000mAh standby charger is quite expensive.

12. Mophie Powerstation Keychain (930 thousand VND)

Use with: Phone



Mophie Powerstation Keychain is one of the smallest mobile backup chargers in this list. Its battery also has the lowest capacity of 1,200mAh. It has a built-in USB-C cable to charge the phone and another cable to charge itself. And like most other Mophie products, it offers pass-through charging features.

13. Moshi IonBank 3K (1.5 million VND)

Use with : iPad, iPhone



Small enough to put in a pocket, the Moshi IonBank 3k 3,000mAh has the same key size, with USB charging cable and Lightning adapter hidden discreetly under a fake leather case.

14. Moshi Porto 5K Portable Battery With Built-In Wireless Charger (nearly 2 million VND)

Use with : Phone, tablet



Moshi Porto Q 5K Portable Battery With Built-In Wireless Charger has a beautiful, sturdy sticker and has a beautiful cloth surface for Qi wireless charging along with a rubber ring and Moshi logo to keep your phone in place . Simply plug in the Porto Q 5K 5000mAh and it works like a wireless charger for any smartphone. When traveling, you can also charge wirelessly using an internal battery or use a USB-A charging port.

15. Nimble 10-Day Fast Portable Charge (more than 3 million)

Use with : Laptop, phone, tablet



Looking for a backup charger with enough battery for both a USB-C phone and laptop? This Nimble 10-Day Fast Portable Charger Bundle weighs 680 grams which will suit you. It has a large 26.800mAh battery and can charge four devices at the same time. This backup charger has three USB-A charging ports and a USB-C port. USB-C port provides Power Delivery 18W and a standard USB-A port Quick Charge 3.0. Like most Nimble chargers, it is made of plant-based material and has a strap that holds the cable from the word.

16. RavPower USB-C Portable Charger 20100mAh Power Bank With QC 3.0 (VND 1.4 million)

Use with : Laptop, phone, tablet



RavPower USB-C Portable Charger 20100mAh Power Bank With QC 3.0 has a large 20.1000mAh battery in a relatively small case, so it can easily charge the phone several times and power the laptop. It has a USB-A port with Quick Charge 3.0 standard, a USB-A 2.4V port and a USB-C 3A port for laptops.

Some features to keep in mind when choosing backup charger

Size and capacity

In general, the larger the backup charge, the larger the capacity and the larger the number of ports. Medium-sized standby chargers can often be used to fully charge the phone once or twice while backup chargers are designed to be able to use the device all day more often.

Pocket portable chargers usually have smaller batteries with a capacity of 3,500mAh or less. When the battery is over 3500mAh, the battery size increases and no longer fits your pocket, but it still fits into the jacket pocket. There are even backup chargers that you can charge your tablet and have enough power to supply your phone 10 times more. Of course, these types are usually the largest and heaviest and you definitely need a bag to carry it with.

Input and output ports

The second thing you need to consider is the redundant charging port to see if it is compatible with the device you want to charge. At a minimum, most backup chargers have standard micro USB ports for inputs and USB-A ports for output.

USB-C usually allows you to charge faster, merge input / output in one port and many new phones have this port. Note that some backup chargers have USB-C inputs but no USB-C outputs.

Lightning is Apple's proprietary technology, so companies need to pay Apple when they use it. This makes it less popular.

Fast charger

Another factor to consider is the charging speed of the backup charger. Redundant charging capacity is measured by voltage and amperage. The current is the amount of electricity flowing from the battery to the connected device, while the voltage is the amount of potential energy. Multiplying the voltage by the intensity of the current you will have. To make the device charge faster, most manufacturers change the voltage or increase the amperage to increase the overall capacity.

Basically, when you want to buy a backup charger with fast charging capability, you need to see if the charger uses standard fast charging and the battery and cable must support the same charger.

The two most commonly used fast charging standards are Samsung's Adaptive Fast Charging and Qualcomm's Quick Charge. Both of these standards operate in the same way, which increases the voltage rather than increasing the current. Samsung's Fast Charging standard only works with certain Samsung devices, while Qualcomm Quick Charge requires that your device has a compatible Snapdragon chipset. These standards allow you to charge your supported phone up to 50% in 30 minutes.

Power Delivery is a newer protocol, in which two compatible devices "negotiate" on the fastest available charging option, up to 20V / 5A (with EMCA cables) if possible.

Charging pass-through and wireless charging

There is another problem you need to consider when choosing backup charger. Pass-through charging feature allows you to charge the device connected to the battery, while the battery itself is also charged. If both the phone and the battery are fully charged, this feature is very useful.

Wireless charging is also very popular because it allows you to charge compatible devices without cables by simply putting it on the backup charger. Qi is the dominant standard on Apple and Samsung phones.

Should you buy the phone cover to charge the battery?

If you often forget to bring a backup charger when you need it, you might consider using a battery cover. It combines portability and protection with integrated current so your phone can charge at any time. However, its disadvantage is lower charging capacity than dedicated battery and you cannot charge anything other than that phone.

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