Android phones with removable battery and storage

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Those of us who are old enough to remember the brick phones of days gone by will remember that these phones can last for weeks without the need to recharge; And while we may be looking back through the pink glasses to some extent, it is certainly the case that your modern smartphone will rarely last as long as you want it. Most phones these days will last for a day of use, and in some cases perhaps two, but your phone's days lasting a week between charging sessions are long gone. However, there are some things you can do to keep it running longer, so you don't reach for the charger so often. We've come up with some tips that you can use to make your Android phone last longer. These tips won't work for iPhones, and some will be more effective on some Android phones than on others, but based on our years of testing hundreds of Android devices we can say that most of them will work for most phones. These are the best portable power cans you can buy As to save the battery on your phone at a glance: Watch what you watchjump in the settings Close unused appsTurn down brightnessChange your displaysGet DisconnectedGo dark (mode) Battery saving modesUse some Lite-R appsuble problem on LG V60 Slim (Credit Image: Future)1. Watching what you watch Our first tip is the most obvious, but it's something you can easily forget if you're using your smartphone as a multi-media device. Watching movies and TV shows, or playing games, can drain your smartphone's battery very quickly, so if you're looking to keep your device ticking as much as possible, you can avoid hitting up to Netflix every time you have a free five minutes. Maybe read digital books as well? If you're a gamer, you might download a few easy games like Puzzles rather than jump into Rome: Total War or Stardew Valley every time you have a break like a game like this that isn't as intense won't drain power as much. If you have a smartphone with a large display, you can find this screen also your Achilles heel when it comes to keeping your phone going for a long period of time. No matter if you jump into the settings menu, then the display options, you'll find ways to customize it. High-resolution screens can drain the battery, so if you're in 4K, 2K or HD, it's likely you can downgrade these settings to lower resolution to keep your phone longer. Of course, the content won't look so good, but it's a small price to pay for battery endurance. New smartphones sometimes have 90 Hz or 120 Hz displays, Update the screen that many times per second instead of the standard 60 Hz, however these settings also juice charge your power pack super fast. Such phones allow you to change that though, so step down to 60 Hz to extend the usage time.iPhone 11 (Image credit: Future)3. Close unused appPostlo appPostlo Done using the app and tap the home button or swipe up to get back into the phone's menu, you might think it's out of sight and out of sight, but it actually still draws energy from your phone. Many apps have background processes that work even when the app isn't even active, and if you have a lot of apps, everything running in the background can siphon your phone's battery, which can be quite noticeable. It's easy to close background apps simply by finding the previous app menu - you can find this by clicking on the screen or physical button marked with a square, or by swiping up and holding if you have gesture controls. Now just swipe up the apps to close them, although usually there is an option to close them all that faster. Google Pixel 4 (Image: Future)4. Turn off the brightness This is another seemingly obvious tip, although this is one that you can forget to see as Android phones on Android 9 or 10 are designed to fix this automatically. Bright displays use more energy, so turning the brightness down can keep your phone chugging together for longer, and it can be quite noticeable if you turn it off a lot. However, modern Android phones have automatic brightness that changes how a blinding display should fit the environment. It's super useful, but if you're in a bright area it will make your screen brighter, so ruining your efforts to keep it low. We recommend turning off automatic brightness if you want your phone to last as long as possible. Turning off the automatic brightness is very simple: just swipe down from above, and next to the slider to change the brightness, should be able to switch this function. LG G5 (Credit Image: Future)5. Turn off the Display display settings, not limited to the resolution and speed of the update. There are different types of display modes that can affect battery leakage that you should disable if you value your phone longer. Always on displays on smartphones have been around for years on smartphones, and some of them are sophisticated while others are pretty basic, but no matter what your always on display shows you, it will drain quite a bit of battery life. If you want your phone to last as long as possible, turn it off! Some phones have live wallpapers that are mostly backgrounds for your phone that move - these can be simple patterns that fluctuate, or actual moving images, and they can drain a lot of battery life, especially if you spend a lot of time looking at your phone's main menu. Changing wallpapers to static images will keep your phone lasting much longer. Credit: Future) 6. Get a disconnectedA phone is designed to connect us to the wider world, but apparently the connection drains the battery, so if you want to keep your phone longer you turn off such settings. Mobile data, Bluetooth and Wi-Fi connectivity all take a bit Battery to maintain, especially Bluetooth, if you are connected to a lot of different things, so it may be worth turning off one or more of them if you are not using them. If you need to take the nuclear option, airplane mode automatically switches these all off as well as doing other tweaks, and outsets specific battery-saving modes, this can be an easy toggle to keep your phone going on as long as possible. (image credit: Facebook; Shutterstock)7. Go dark (mode) depending on what phone you have, and if you can stand looking at it, dark mode may be a way to keep your phone longer. If you have a phone with an LED screen like OLED or AMOLED, your device shows black by turning off LEDs, which obviously saves energy, so using a dark mode (which comes as part of Android 10 as well as a lot of the most popular apps) saves a lot of battery life. It's not much in LCD displays as black is created by incorporating every other color, so it can really be more battery intensive in this case. (image credit: The future) 8. Battery-saving modesMost Android smartphones are equipped with battery-saving mode, which you can easily turn on to turn off some settings. This usually turns off the quirky display technology, and reduces background processes, so it basically combines some of the previous steps that we've mentioned. However, different battery modes on different phones do different things, so we recommend going through this list anyway. You can easily switch battery-saving modes by swiping down to access the options panel and selecting it there, or going into the Settings menu to do so. Some phones even have ultra-battery-saving modes that almost turn your phone into a brick old phone feature in reducing its call and texting, which is obviously pretty extreme, but it can keep your phone lasting age as a result. (image credit: Facebook) 9. Use some Lite-R appsThe other of the most popular apps have versions of Lite or Go - apps from Google and Facebook are among the most popular examples of them. These apps are designed for people with weaker phones who can't handle larger apps, as they are often a little more basic. One of the side effects of these lightweight apps is that they are much less battery-intensive, so if you use them for some or all of your social media or connection apps you find yourself saving a lot of energy. There are several drawbacks to these applications, as they are often slower to use and less powerful, but battery savings can enough to make up for it. Google Android smartphones are doing well in many areas; A wide range of options for quality equipment; Smooth software interfaces Valuable and entertaining apps Endless customization options Etc. But a lot of Android devices, especially 4G - and faux-4G ones - are less impressive in terms of battery life. Fortunately, with planning and understanding, you can maximize your Google Google battery life. Follow these tips and tricks to get the most out of your Google Android device. (Also read Android Security: Six tips for protecting your Google phone, for my Android security list of best practices.) Manage Android Wireless Radio Options WiselyThe most new smartphones and tablets Google Android package various wireless radio stations: cellular radio to connect the mobile network; Wi-Fi radio; GPS; And Bluetooth Etc. And all these radios can - and will - drastically shorten the battery life of Android if not used and managed wisely. You have to turn off all wireless radios when you're not using them. When you leave the house and get out of the range of your personal Wi-Fi network, turn off the Wi-Fi so that it does not constantly try to detect or connect to other networks. And when you're done using a bluetooth headset, turn off Bluetooth. The same goes for GPS. Some location-based apps and services require you to activate your GPS to function properly. But some are also constantly trying to locate your location, even if they are not in use, by contacting nearby satellites or cell towers and draining your precious battery life in the process. To disable wireless radio settings, open Android settings, tap Wireless networks and not-check boxes next to radio options that you currently don't use. To disable GPS, open the location and security settings page in Android settings and remove the check from the box next to using GPS satellites. It is also a good idea, in terms of battery and security, to disable any mobile access services your device has to offer when they are not in use. You can turn the mobile hotspot on and off in the Android Settings menu. Many Android devices allow you to create home screen widgets for each wireless radio, so you don't need to dig into the settings every time you want to turn them on or off. Save Android battery by minimizing the brightness of the screen, Time Out As a general rule, the brighter your Android screen, the higher the leak on the battery. Some types of displays are more energy efficient than others, but it's still a good idea to reduce screen brightness to the lowest comfortable level to save energy. And you can also reduce the time it takes for your display to bring yourself into power down when not used for maximum battery life. To reduce the brightness of the screen, open the Menu settings Android, click Display. Depending on the Android Wasp version, you can see the automatic brightness option. This setting automatically dims brightens the display depending on the surrounding levels of illumination. But it can drain the battery by accidentally increasing the brightness of the screen. Don't take off the Automatic Brightness option to manually increase or reduce the brightness of the screen, and then find the lowest setting that will work for you. To shorten the screen timeout, open Screen time-out menus in Android settings and select one of the lowest values. Reduce unnecessary notifications to save Android BatteryDo you use an audible alert or vibration - or both - notify you of new text messages, emails, Twitter tweets, etc? If so, you should know that you are slowly corroding on your Android battery with every chirp or noise. It is normal to use some notifications and they can be very valuable when used effectively. But the problem arises when you overuse different types of notifications when they don't really provide any value. In general, vibrations use a little more energy than sound signals, so, first, reduce unnecessary vibration-alerts to maximize Android battery life. To do this, open the sound settings in the Android Settings menu. Under the common, click to open vibration options and choose a setting that reduces your vibration-alerts as ever, only in quiet mode or only when not in Silent Mode.In the same menu of common settings, you have the ability to reduce ringtone, media and signaling volumes. This will increase battery life, as every sound that passes through the speaker of your device drains valuable power. Just click the volume and reduce each option to the lowest setting you feel comfortable with. Depending on the Android OS, you can also see some options on the Sound Settings page to turn/off sound tones, sound highlights, screen lock sounds, etc. Finally, you can reduce stale vibrations by disabling any keyboard feedback option that you may have activated. Some types of keyboards have different feedback options, but usually you can turn off sounds and vibrations by opening the Android Settings menu and then clicking on the Language keyboard. Next, open your specific keyboard settings and unhindered boxes next to vibrate on keypress and sound on keypress. Do Away with apps, services, widgets that merge Android BatteryIf you have 5 email accounts activated on your Android device, but use only one or two of them regularly, you could drastically reduce your potential Android battery life. The same can be said about home screen widgets, which are updated themselves. All in all, it's a good idea to only link frequently used email addresses, social media services, etc. to your Android smartphone or tablet, especially if these services regularly connect to the internet to check and get new content. Streaming media services can also put a significant dent in your Android, such as the popular Pandora Internet Radio app or Amazon's new cloud player, so you should use them sparingly or at least charge your device while streaming. Charge Android battery constantly, Wear SpareThis one may seem not a brain, but you have to charge your Android device when you can The longest battery life - not just when it's below 50 percent power and it is about to be discovered etc. It's good practice if possible to keep individual chargers anywhere you spend a significant amount of time such as your desk, bed, car, living room, etc. when one is drained. You can find reasonably priced Android chargers and spare batteries online on sites such as Amazon.comKeep Android Battery Connections CleanOver time, connecting to the battery in your device can collect dust and other particles and prevent the transfer of energy to your equipment. Every few months, it's a good idea to remove the battery and wipe clean small areas of metal through which the battery charge is transferred, as well as metal prongs inside your device's battery slot that connects to the power source. These prongs are delicate, however, so you have to be very careful cleaning them. Tips and cleaning wipes, made specifically for electronic gadgets, work well, although they can leave residues, so you should make sure that both surfaces are clear before replacing the battery. Finally, your battery will become less efficient over time, so sometimes you need to buy a new one. If your battery is a year or older and you have determined that its poor performance may not be due to a weak cellular connection, an energy-intensive application, or a similar problem, you may need to replace the it.AS Copyright © 2011 IDG Communications, Inc. Inc.