

# How to fix Google Play Services battery drain on Android

Google Play Services is a core part of Android, responsible for syncing data, notifications, and a host of other behind-the-scenes tasks. But if it goes wrong, it can silently become a major battery drainer.

Google Play Services is a core part of Android, responsible for syncing data, notifications, and many other hidden tasks. But if it goes wrong, it can silently become a major battery drainer. TipsMake.com.com has compiled a list of solutions that can help fix the battery problems you are experiencing on your Android device.

1. Why does my phone battery run out quickly even when fully charged?
2. Common mistakes when charging your phone

## 1. Delete apps you don't use often

Since Google Play Services is not the real culprit here, but rather other apps that communicate with Google Play Services and their features, such as location access, Wi-Fi, data, or running in the background, it is important to evaluate whether you are constantly using the apps that are shown to be consuming the most.

If you're not sure whether you can trust the battery stats provided by your phone, you can also check out a third-party app like AccuBattery that's designed to show accurate battery usage information. Pay attention to the apps that appear in the list, as they're the ones that are using the most battery on your device.

Now, if the apps you rarely use are among the ones that consume the most battery, you should consider deleting them from your device. You can reinstall them after a while and the problem will not recur.

## 2. Check background restrictions

Go through the remaining apps on your phone and turn off background activities for those that aren't essential to your daily routine.

Navigate to **Settings** -> **Battery** -> **Battery usage** and select an app.

On the app screen, turn off **Allow background usage** at the bottom.

11:38

90%



# App battery usage



Photos



Open



Disable



Force stop

App usage since last full charge

Screen time

1 min

Background time

4 min

Manage battery usage

Allow background usage

Enable for real-time updates, disable to save battery



### **3. Clear cache and data**

A simple thing to try is to clear the Google Play Services cache, which may have become overloaded with unnecessary information.

Go to **Settings -> Apps -> See all apps -> Google Play Services** .

**Find the Storage & cache** option and tap on it.



# Storage



## Google Play services

25.22.34 (260400-769260661)



Clear storage



Clear cache

Space used

App size

223 MB

User data

1.01 GB

Cache

118 MB

Total

1.35 GB

Click the **Clear cache** button at the top.

If you're still experiencing battery drain, a more drastic step is to clear the cache for Google Play Services. Tap the **Clear all data** button on the next screen to complete the process.

11:48

90%



# Total storage

This is the total storage data on your device used by Google Play services for searches, passwords saved to your device, payment methods in Wallet, and other data.

## Total storage data by Google Play services

Total storage

1.35 GB

Password Manager data on  
this device

0



Clear all data

## 4. Turn off auto sync

If you have more than one account connected to Google Play Services, that could explain the battery drain issue. Since Google Play Services is constantly checking for new emails, notifications, app security scans, etc., it is constantly running in the background. So it takes up even more memory.

**Tip** : Go to **Settings -> Apps -> Google Play Services -> All services** to check the full range of all Google Play Services on your phone.

You can fix this by turning off auto-sync for various accounts, such as your email as well as third-party apps like WhatsApp . Your Google account, in particular, manages sync for many apps.

Go to **Settings -> Passwords, passkeys & accounts** , then tap each account to see if syncing is on or off. Depending on your phone model, the section you're looking for may just say **Accounts** . Tap a specific account.

12:35

89%



# Passwords, passkeys & accounts

Choose your preferred service to save data for sign-in and autofill suggestions. Turn on additional services if you'd like them to provide suggestions too.

## Preferred service



Google

Google Password Manager, Google Pay, Google Wallet

Change

Open

## Accounts for Alexandra



Duolingo

Duolingo



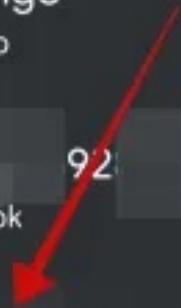
Facebook

92



Google

@gmail.com



For Google accounts, you will see **Account sync** enabled by default. Tap on it.

12:35

89%



# Accounts



[Redacted]@gmail.com

## Google Account

Info, security & personalization



### Account sync

Sync on for 7 of 8 items

Remove account



Disable any services you don't want to sync on this account. For example, you can disable Gmail sync for a Google account that you don't really use much and just keep as a backup.

12:35

89%



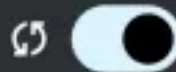
# Account sync



[Redacted]@gmail.com  
Google

Calendar

Last synced June 24, 2025 at 09:03



Contacts

Sync is OFF



Docs

Sync is OFF



Drive

Sync is OFF



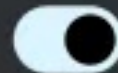
Gmail

Sync is OFF



Google Calendar

Last synced June 24, 2025 at 07:06



## 5. Resolve any sync errors

Whenever Google Play Services tries to sync data and can't, you'll get sync errors. These errors can also be the reason you're charging your phone more often than usual. Take a look at your contacts, calendar, and Gmail account to see if you can spot any errors. Try removing any emojis you might have on any of your contacts, as Google doesn't like that.

You can also try removing and re-adding the account to try and fix those sync errors. To do that, go to **Settings -> Passwords, passkeys & accounts -> Add account** (the option is at the very bottom).

12:55

87%

← Passwords, passkeys & accounts



Reddit



Reddit



Revolut



Telegram



Truecaller



WhatsApp

WhatsApp



Yahoo

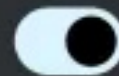


Yahoo

+ Add account

Automatically sync app data

Let apps refresh data automatically



Turning off mobile data in your device settings for more than 1 minute may also help, but remember to turn it back on.

## **6. Turn off location sync**

There are a lot of apps that will request your location. The problem is that when they do, the request goes through Google Play Services, which then uses your GPS to relay that information. So you may want to turn off location sharing for certain apps.

Open the app that requests your location on your phone.

Then go to **Settings** -> **Apps** and find that app. Select **Permissions** .

Tap **Location** from the app permissions list.

14:45

82%



# App permissions



Instagram

Allowed



Call logs



Camera

Last accessed 6/22/25 at 18:17



Location

Last accessed 09:22



Microphone



Notifications



Phone

Accessed in past 24 hours



Photos and videos

Switch the option to **Don't allow** to help you cut down on Play Services' battery usage.

14:46

82%



# Location permission



Instagram

Location access for this app

- Allow only while using the app
- Ask every time
- Don't allow

See all apps with this permission



## 7. Uninstall Google Play Services updates

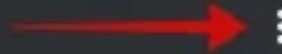
This may sound a little strange, but sometimes updates cause bugs. For this reason, if you're experiencing battery drain due to Google Play Services, you can try uninstalling updates for the service.

Go to **Settings** -> **Apps** -> **Google Play Services** .

Tap the three dots in the upper right corner. Select **Uninstall updates** .

14:53

82%



Uninstall updates

# App info



## Google Play services



Archive



Disable



Force stop

### All services

See details about the services used on your device

### Notifications

About 3 notifications per week

### Permissions

Call logs, Camera, Contacts, Health, fitness and wellness...

### Storage & cache

1.34 GB used in internal storage

### Mobile data usage

201 MB used since Mar 22

Screen time

0 minutes today

Restart your phone to see if that makes a difference.

## **8. Install an older version of Google Play Services**

Sometimes, the latest version of Google Play Services can contain bugs. If you notice your battery draining faster after updating Google Play Services, you may need to roll back to a previous version of Google Play Services (at least until the latest version fixes the bug).

Follow the above tip to uninstall the update, then go to APK Mirror and search for Google Play Services. Alternatively, use any of these safe sites to download APKs .

Scroll down and tap on a Services version that's one or two versions ahead of the latest (ignore beta versions). Also, make sure you select the standard Google Play Services option, not Google Play Services for Android TV, AR, etc.

by Google LLC

2 variants

June 10, 2025 GMT+0300

Google Play services (Wear OS)  
25.22.34



by Google LLC

6 variants

June 10, 2025 GMT+0300

Google Play services 25.22.33



by Google LLC

4 variants

June 8, 2025 GMT+0300

Google Play services (Wear OS)  
25.22.32



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June 8, 2025 GMT+0300

Google Play services (Android TV)  
25.22.59



by Google LLC

2 variants

June 7, 2025 GMT+0300

Google Play services (Android TV)  
25.22.33



by Google LLC

June 6, 2025 GMT+0300

Google Play services 25.20.60



by Google LLC

7 variants

June 5, 2025 GMT+0300



You'll see that there are dozens of variants to choose from. To download the right variant, you'll need to know three things: Your phone's SoC architecture, your phone's screen DPI, and your Android version.

WHAT'S NEW DESCRIPTION GALLERY DOWNLOAD

Variant Arch Version DPI

25.22.33 (190400-767291508) BUNDLE

39 3891 b432

252233029

June 6, 2025

GMT+0300

arm64-v8a + armeabi-v7a	Android 12+	120-640dpi
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25.22.33 (190400-767291508) APK 3891 b432

252233029

June 8, 2025

GMT+0300

arm64-v8a + armeabi-v7a	Android 12+	nodpi
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25.22.33 (260400-767291508) BUNDLE

33 3891 2169

252233035

June 6, 2025

GMT+0300

arm64-v8a + armeabi-v7a	Android 15+	480dpi
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25.22.33 (260400-767291508) APK 3891 2169

252233035


June 8, 2025

GMT+0300

arm64-v8a + armeabi-v7a	Android 15+	nodpi
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Apps and releases related to Google Play services

Related releases

 **Google Play services (Android TV)**  
 25.22.33  
 June 6, 2025 GMT+0300

You can find your Android version by going to **Settings -> About phone** .

For the DPI of your phone screen, you will need to download a third-party app like DPI Checker .

15:09

81%



Density (DPI)

420

change DPI

change resolution

## other

horizontal density 428

vertical density 426

scaled density 2.625

## about

Android display density refers to the number of pixels that are present per unit of physical area on a device's screen. It's measured in DPI (dots per inch), and it indicates how many pixels

Knowing these two details should be enough to get you the right version, but if you want to make sure you're getting the right one, open Google on your phone and type in "[phone model] specs" and check if the SoC is 64-bit (arm64) or 32-bit (armeabi). However, most APK versions are compatible with both.

## 9. Update Android OS

Finally, you may want to make sure you've updated to the latest version of Android available for your device. You'll get a notification on your device when a software update is available for your phone, but you can also check manually by going to **Settings -> System -> System updates** .

15:19


80%

← System


 **Navigation mode**  
3-button navigation


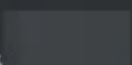
 **Gestures**


 **Date & time**  
GMT+03:00  Summer Time


 **Backup**


 **Software updates**  
Your Pixel is up to date

 **Rules**  
1 rule

 **Users**  
Signed in as 

 **Developer options**

 **Repair mode**  
Secure environment for device repair

 **Reset options**

If an update is available, install it. The update may contain bug fixes for Google Play Services.

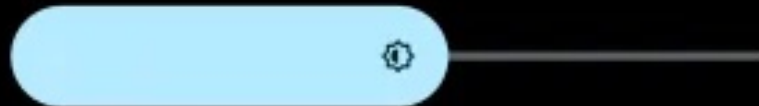
## **Bonus Tip: Turn on Battery Saver**

If your battery life is still not up to par, you may need to enable the built-in Battery Saver option on your phone (if available) and see if that helps.

15:30

Tue, Jun 24

🔔 🔇 📶 📶 🔋 Until 14:45



🏠 Home >

🔄 Auto-rotate  
Off

📄 QR code scanner >

🔋 Battery Saver  
Standard

📶 Cast  
Off >

🎥 Screen record  
Start >

👤 Quick Share  
Contacts >

🎤 Mic access  
Available

16 (05 A2) ...



📄 1 app is active >



On Pixel devices, there is a Battery Saver tile in the Quick Settings menu, which we can easily enable by tapping on it.

See also:

1. What to do when Google Play Store is not working?
2. 4 simple ways to fix common Google Play Store errors
3. Decode all errors appearing on Google Play and how to fix them (Part 3)
4. Phone battery not charging or charging slowly, here's how to fix it

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