



How long to recharge car battery

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Generally, it takes about 2 to 4 hours to fully charge a normal-sized car battery with a 20 Amp battery charger and about 12 to 24 hours with a 4 Amp charger. The charging time heavily depends on the car battery size and the charger's power output.

First, you have to look at your car battery charger to find out how much ampere it's giving out. High amperes charge your car battery faster. Low ampere is better for maintenance charging of your battery over long periods.

You also have to look at the size of your car battery and the battery type. Usually, a mid-sized car uses a battery of the size 40-80Ah. You also have to take in mind the kind of car battery. An AGM/GEL battery can charge up a bit faster than a regular wet battery.

Different car battery chargers give different amounts of power, so the charging time of a car battery will depend a lot on this. For sure, it takes a different amount of time to charge different types and sizes of batteries also, but there are times for a normal-sized car battery around 62 Ah.

The amount of time it takes to charge your car battery should depend on what you want to acquire. Fast charging can damage your battery and will make its life shorter. Long-time charging with low amps is best for keeping the battery's lifetime long.

Usually, a standard car battery charger is giving out 4-15 amperes. 2-4 amperes is typical for maintenance charging, and it will take around 24 hours to fully charge a dead battery at this load. Check your car battery charger for any settings for the charging rate and apply the charging rate for your needs.

To charge your car battery quickly without damaging your car battery, I would recommend charging your battery at the rate of 8-15 amperes. Charging your battery over 15 amperes can damage your battery if you are unlucky and make the lifetime shorter.

There could be many reasons why your car battery went flat. The most common reason is that you forgot a light or something similar in the car before leaving it. It can also be a problem with some electrical function that does not want to switch off when you turn off the ignition.

If you jump-start, you can also let your car's alternator charge the car battery for you. How long it will take for your car to charge the battery depends a lot on the car engine and the size of the car battery. Cars have very different effects on the alternators, giving everything from 30 to 150 amperes.

The engine's RPM also matters when charging a car battery, because the alternator is charging harder



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when it is spinning faster. If you want to charge your car battery fully with your alternator, you can expect it to take some hours.

Modern chargers are easy to connect and have battery charging monitoring, which will regulate the amps themselves, but you should still check to see how many amps it's charging with before buying one.

Cheaper chargers often promise more amps than they charge with. It's better to choose a quality charger that gives lower amps instead. It will save your car battery, and it will minimize the risk of damage to your vehicle.

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Web: <https://www.sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

