I'm not a robot

The Chevy Volt is the best-selling plug-in hybrid electric vehicle (PHEV) of all time: more than 130,000 have been sold since its release in 2010. Early models offered about 40 miles of all-electric range, while the latest Volt has 53 miles. Both are more than enough for most drivers 30 miles a day of driving needs.Being able to drive electric most of the time, but access the convenience of gas when needed, has helped many people make the switch to electric, including me. Ive been the proud owner of two Chevy Volts: I loved driving my 2013 Volt for several years, then traded it for a 2016 Volt (Gen 2). Since then, Ive also added a 2017 Chevy Bolt EV to my garage, and I can say without equivocation that these are some of the finest cars Ive ever owned.Why Choose a Plug-in Hybrid?Plug-in hybrids have a gas engine and an electric motor, so they can plug in to charge the battery, but can also run on gas only when needed. If you want to drive electric most of the time to reduce your emissions and save on fuel costs, its very possible. For example, its December 2017 and the last time I bought gas for my Volt was on Valentines Day! (I just want to know:does gasoline spoil?) If you want to try going electric but dont have access to charging at home or work and want to take long trips without charging, a hybrid may be a good choice.How to Charge the Chevy VoltWith a Volt, you can top off the battery anytime youre parked, at home or around town, instead of making a separate trip to refuel. Topping off your Volt helps give you as much range as possible and makes each charging session shorter. It takes just a few seconds to plug in, and then you can go about your day (or night) while your Volt gets some charge.Charging Your Chevy Volt at HomeCharging a plug-in hybrid at home is not much different from charging your cell phone or laptop. Just plug the cord that comes with the car into a regular wall outlet to add about 4 miles of Range Per Hour. It will take about 12 hours to recharge your Chevy Volt this way. If you dont have 12 hours available every day to recharge or want to be able to make multiple longer trips in a day, upgrading to a Level 2 home charger makes sense.One difference to note is that many plug-in hybrids like the Volt have a slower onboard charger (what converts AC power from an outlet to DC power for the battery) than battery electric vehicles, meaning these hybrids can add only about 12 miles of Range Per Hour with even a 32-amp Level 2 charger (thats compared with the 25 miles of Range Per Hour most battery electric vehicles can add). Still, getting a faster Level 2 charger will prepare you get an all-electric vehicle eventually, like I did.If you dont live in a single-family home, wed love to help you get EV charging at your apartment or condo. A hybrid can be a great choice if you cant charge at home because youll have a gas tank if you really need it. You can live the EV lifestyle with any car if you charge at work or Level 2 stations around town. Check the ChargePoint app to find places to charge near you.Charging Your Chevy Volt at Work and Around TownThey can be hard to spot if youre not an EV driver yet, but there are likely plenty of charging stations at nearby workplaces, restaurants, retail stores and other places you spend time (confession: I charge here at work). These locations usually have Level 2 stations with a universal connector that can add about 12 miles of Range Per Hour to your Volt.The best part about charging around town is that you can go about your day while charging, instead of waiting around for your EV to refuel. Discover places to charge near you in the ChargePoint app and just tap your phone or use the ChargePoint card that comes in the glovebox of the Chevy Volt to start charging.Fast Charging and PHEVsLike most plug-in hybrids, the Volt doesnt have fast charging as an option. Dont worry, you wont need it. Fast charging is generally for long trips and PHEVs have a gas engine available for those. Like I said, though, no gas since February.How Much Will It Cost to Charge the Chevy Volt?Get a sense of how much you will save by switching to the Volt using our calculator. For the 2,300,000 Chevy Volt charging sessions on ChargePoint so far, the average fee has been just $0.70 per session, and over 70% of sessions were free.70% of Volt charging sessions have been free to the driver.The cost of charging can vary widely between different EV charging stations and networks. ChargePoint station owners set their own fees, and you can always check the station details page in the app for the latest pricing information.Most businesses offer charging for free or at cost because they want you to come in.When charging at home, the cost of charging will vary depending on how much you drive and how much electricity costs in your area (and if you can get a special EV charging rate plan, like me).Have I won you over to driving (mostly) electric yet? Dont forget to sign up for ChargePoint to charge your Chevy Volt.Get the AppAny questions? Want to share your experience with the Volt? Come find us on Facebook or Twitter. Reddit and its partners use cookies and similar technologies to provide you with a better experience. By accepting all cookies, you agree to our use of cookies to deliver and maintain our services and site, improve the quality of Reddit, personalize Reddit content and advertising, and measure the effectiveness of advertising. By rejecting non-essential cookies, Reddit may still use certain cookies to ensure the proper functionality of our platform. For more information, please see our Cookie Notice and our Privacy Policy. Skip to main content Reddit and its partners use cookies and similar technologies to provide you with a better experience. By accepting all cookies, you agree to our use of cookies to deliver and maintain our services and site, improve the quality of Reddit, personalize Reddit content and advertising, and measure the effectiveness of advertising. By rejecting non-essential cookies, Reddit may still use certain cookies to ensure the proper functionality of our platform. For more information, please see our Cookie Notice and our Privacy Policy. If youre a proud owner or a prospective buyer of the Chevrolet Volt, navigating the intricacies of charging is essential for maximizing your electric driving experience.From understanding charging infrastructure to optimizing charging habits, this article unveils 17 crucial insights that every Chevy Volt enthusiast should know.Whether youre a seasoned electric vehicle driver or new to the world of plug-in hybrids, these tips and tricks will empower you to make the most of your Chevy Volts charging capabilities.Heres a step-by-step guide to help you navigate the charging process as a beginner:1. Locate the Charging Port: The Chevy Volts charging port is typically located on the drivers side front fender. It is marked with the familiar EV charging symbol.2. Unlock the Charging Port: Ensure that your Chevy Volt is unlocked, as this will allow you to open the charging port door. You can use your key fob or the door unlock button inside the vehicle.3. Inspect the Charging Cord: Familiarize yourself with the charging cord. One end has a standard J1772 connector that plugs into your Volt, while the other end has a connector that plugs into the charging station.4. Choose the Right Charging Station: Locate a compatible charging station. Public charging stations and home chargers with a standard J1772 connector are suitable for the Chevy Volt.5. Plug In the Charging Cord: Align the J1772 connector with the charging port on your Volt and insert it securely. You should hear a click when its properly connected.6. Initiate Charging: Depending on the charging station, you may need to use an RFID card or a mobile app to initiate the charging process. Follow the instructions provided at the charging station.7. Monitor Charging Status: Once charging begins, your Chevy Volt will display the current charging status on the dashboard. You can also check the stations display for additional information.8. Wait for Charging to Complete: Charging times vary based on the chargers power and your Volts battery level. Be patient, and use this time to explore nearby amenities or relax.9. Unplug and Secure the Charging Cord: When charging is complete, unlock your Volt, press the button on the charging connector to release it, and safely stow the charging cord.The electric range of a Chevy Volt on a full charge depends on various factors, including the batterys state of health, driving conditions, and temperature. However, heres the table with the average distance that your Chevy Volt migh go on a full charge:Chevy YearElectric Range2011-201235 miles (56 km)2013-201538 miles (61 km)2016-201952 miles (85 km)The cost of charging depends on various factors, including:Electricity ratesCharging locationTime-of-use ratesCharging efficiencyREAD ALSO How Much are Ford Mustang Mach E : Unveiling Pricing SecretsAccording to the average estimation, it costs about $2,39 to full charge a Chevy Volt at home, and $4,6 to charge the car at public station.Below, theres a full estmation based on the newest Volt generation with the battery capcity of 18.4 kWh. Older than 2016 models will have a slightly cheaper cost because of a smaller battery (around 10-15% cheaper).Estimation for Charging a Chevy Volt at Home:Battery Capacity: 18.4 kWhElectricity Rate: $0.13 per kWh (this is a general average and may vary by location)Charging Cost at Home: Charging Cost = (18.4 kWh) x ($0.13/kWh) = $2.39Estimation for Charging a Chevy Volt at a Public Charging Station:Assumed Public Charging Rate: $0.25 per kWh (this is a general average and may vary).Charging Cost at Public Station: Charging Cost = (18.4 kWh) x ($0.25/kWh) = $4.60Additional Considerations:Monthly Charging Costs: If you charge your Chevy Volt at home every night, and assuming you drive around 1,000 miles per month (53 miles electric range), your monthly charging cost at home might be approximately $71.70.Comparison with Gasoline: Compare this cost with the average fuel efficiency of traditional gasoline vehicles. If gasoline costs around $3.00 per gallon and the vehicle gets 30 miles per gallon, you might spend $100 on gasoline for the same monthly mileage.Unlike some all-electric vehicles, the Chevy Volt does not support Fast Charging, known as DC fast charging. Fast Charging isnt neccesary for this car, as its useful for long trips, and Chevy Volt has a gas engine for this purpose.Charging your Chevy Volt daily is often recommended, especially if your daily driving distance falls within its electric-only range. This ensures that you maximize the use of electric power for your routine commuting, minimizing reliance on the gasoline range extender.Since the Chevy Volt is designed for overnight charging, plugging it in before bedtime allows for a full charge by the time you need to use the vehicle the next morning. This practice takes advantage of lower electricity rates during off-peak hours, potentially reducing charging costs.Its not possible to charge a Chevy Volt at a Tesla Station. Tesla Supercharger stations use a proprietary charging connector specifically designed for Tesla vehicles. This connector is not compatible with the standard charging port on the Chevy Volt, which uses a J1772 connector.The Chevy Volt is compatible with charging stations that offer level 1 or level 2 charging, are compatible with J1772 connector. Thus, its possible to charge your Volt at home, or public charging stations like ChargePoint, EVgo, and others.The Chevy Volt comes with a standard Level 1 charging cord that plugs into a regular household outlet (120V). This is a convenient option for home charging, though its relatively slow compared to Level 2 charging.For faster charging at home or at public charging stations, the Chevy Volt is compatible with Level 2 charging using a 240V power source. This type of charging requires a dedicated charging station with a J1772 connector.The charging port on the Chevy Volt is equipped with a J1772 connector, which is a standard connector used by many electric vehicles in North America. This connector ensures compatibility with a wide range of Level 2 charging stations available for public use and home installations.For convenient home charging, many Chevy Volt owners choose to install a Level 2 charging station in their garage or designated charging area. These stations typically require professional installation and provide faster charging compared to a standard household outlet.When charging away from home, Chevy Volt owners can use public Level 2 charging stations that have J1772 connectors. These stations are commonly found in shopping centers, parking lots, and along major travel routes.READ ALSO Jeep 4xe Charging Cost Explained (in 2025)Various charging station networks, such as ChargePoint, EVgo, and others, offer Level 2 charging stations compatible with the Chevy Volt. These networks often have mobile apps or RFID cards for easy access and payment.During braking or deceleration, the Volt employs regenerative braking. Instead of traditional braking systems that convert kinetic energy into heat and dissipate it, regenerative braking captures some of this energy and converts it back into electricity.The electricity generated through regenerative braking is directed back to the Volts battery, effectively replenishing a small amount of the charge. While this process doesnt fully charge the battery, it contributes to the overall efficiency of the vehicle and extends its electric range.If you never charge your Chevy Volt, you need to rely on gasoline. That way, you reduce your overall car efficiency, pay more for fuel, pay more for engine maintenance, and maximize carbon footprint.Charging your Chevy Volt every night can be a practical and beneficial practice. Its mostly because the cars battery system is designed for regular charging and discharging. Regularly charging your vehicle helps maintain battery health and longevity.There are more benefits of charging a Chevy Volt every night:Optimizing Electric Range: Charging your Chevy Volt every night allows you to start each day with a full battery, maximizing the electric-only driving range.Cost Savings: Charging overnight at home often takes advantage of lower electricity rates during off-peak hours.Convenience: Charging your Chevy Volt at home eliminates the need to visit public charging stations frequently and ensures your vehicle is ready for daily use.Yes, you can leave your Chevy Volt plugged in without causing harm to the vehicle or its battery. Modern electric vehicles are equipped with charging systems that prevent overcharging. Once the battery reaches a full charge, the vehicles charging system will typically manage the charging process to maintain optimal battery health.Once the battery of your Chevy Volt, reaches its full charge capacity, the charging system is programmed to terminate the charging process. This means that the flow of electricity to the battery is stopped to prevent overcharging.Moreover, charging systems have overcurrent protection mechanisms to prevent excessive flow of current, which could lead to overheating and potential safety hazards. If there is a fault or irregularity in the charging process, these systems can disconnect the charging circuit to prevent damage.The Chevy Volt is compatible with both Level 1 (120V) and Level 2 (240V) chargers, utilizing the industry-standard J1772 connector. The Chevy Volt does not support DC fast charging.The Chevy Volt comes with a Level 1 charging cord that plugs into a standard household outlet. This charger is convenient for at-home charging and is often referred to as a trickle charger. It is suitable for overnight charging and can fully charge the Volts battery over a more extended period.For faster charging at home or at public charging stations, the Chevy Volt is compatible with Level 2 charging using a 240V power source.Charging time for a Chevy Volt at a charging station depends on the battery capacity and the charging power provided by the station. Heres an estimate of charging times for different Chevy Volt models with varying battery capacities:Chevy Volt ModelBattery Capacity (kWh)Level 1 Charging Time (120V)Level 2 Charging Time (240V)2011201216.01213 hours4.5 hours2013201416.51314 hours4.5 hours201517.113.514.5 hours4.5 hours2016201918.41415 hours4.5 hoursThe charging time is estimated by dividing the battery capacity by the charging power. For Level 1 charging, a common charging power is around 1.44 kW, and for Level 2 charging, its around 3.3 kW.Level 1 Charging Time (120V): Charging Time (Battery Capacity) / (Charging Power for Level 1)Level 2 Charging Time (240V): Charging Time (Battery Capacity) / (Charging Power for Level 2)READ ALSO Chevy Volt Real World kWh per MileThese are approximate values, and actual charging times may vary based on factors such as charging efficiency, battery condition, and charging station capabilities.To get to know if your car is charging, take a look at this guide to interpreting the charging indicators:Single Tone and Flashing Indicator:Description: Vehicle is plugged in, and the battery is charging.Flashing Pattern: Indicates the current percentage of battery charge.1 flash: 025% charged2 flashes: 2550% charged3 flashes: 5075% charged4 flashes: 7599% chargedSolid light: 100% chargedSlow (Long Pulse) Flashing Green Indicator with Double Tone:Description: Vehicle is plugged in, but battery charging is delayed.Meaning: The charging process is scheduled to start at a later time.Solid Green Indicator:Description: Vehicle is plugged in, and the battery is fully charged.Meaning: Your Chevy Volt has completed charging, and the battery is at 100%.Solid Yellow Indicator:Description: Vehicle is plugged in but not charging.Meaning: Charging is temporarily paused, or there may be a specific reason preventing charging (e.g., a setting in the vehicle or a delay).No Light:Scenario 1: Vehicle is not plugged in.Scenario 2: There is an issue with the charger or outlet.No Light and Repetitive Tones:Description: Indicates an issue with the charge cord connection.Meaning: There might be a problem with the physical connection between the charging cord and the vehicle.Yes, charging a Chevy Volt at home is a convenient and common practice for many owners. The Chevy Volt is designed to be easily charged using standard household outlets or, for faster charging, with a dedicated Level 2 charging station.To install a Level 2 charging station at home, you may need the services of a qualified electrician to ensure proper installation. This includes setting up a dedicated 240V electrical circuit and installing the charging station in a convenient location, such as a garage.If Level 2 charging infrastructure is not readily available, Level 1 charging with a standard household outlet provides a practical and accessible solution for home charging.Home charging provides the convenience of waking up to a fully charged vehicle each morning. It eliminates the need to visit public charging stations frequently and allows you to incorporate charging into your daily routine.Charging at home often takes advantage of lower electricity rates during off-peak hours, contributing to potential cost savings compared to charging at public stations or using gasoline.The Chevy Bolt is equipped with a charging port that uses a standard SAE J1772 connector for both Level 1 and Level 2 charging.The J1772 connector features a distinctive ergonomic design with a paddle-shaped handle. It is a robust and durable connector designed for frequent use in various charging scenarios.The SAE J1772 standard is widely adopted by automakers and charging infrastructure providers in North America. This standardization ensures that electric vehicles from different manufacturers can use the same charging infrastructure, promoting interoperability.Using the wrong charger for your Chevy Volt can have various consequences, ranging from inconvenience to potential damage. Use chargers with the correct connector type, voltage, and current specifications. Additionally, when using public charging stations, ensure they are compatible with your vehicle and adhere to industry standards such as the SAE J1772 for Level 2 charging.Here are the potential issues that may arise if you use an incompatible or incorrect charger:Charging Incompatibility: If you use a charger with an incompatible connector or charging standard, it wont physically connect to your Chevy Volts charging port.Charging Speed Limitations: Using a charger with lower power output than what your Chevy Volt is designed for will result in slower charging times.Overvoltage or Overcurrent Issues: Using a charger with a higher voltage or current output than your Chevy Volt can handle may lead to overvoltage or overcurrent issues. Modern electric vehicles typically have built-in protection mechanisms, but using significantly mismatched chargers may still pose a risk.Risk of Damage to Vehicle or Charger: In extreme cases, using an entirely incompatible charger could potentially cause damage to either the Chevy Volt or the charger. This is especially true if the charger doesnt have the necessary safety features or if the vehicles charging system is overwhelmed.Voiding Warranty: Using unauthorized chargers or equipment that is not recommended by the manufacturer may void certain warranties.Safety Concerns: In rare cases, using the wrong charger could pose safety risks such as electrical faults, overheating, or other issues. Its crucial to prioritize safety and use only chargers approved for your Chevy Volt.The Chevy Volt is a popular hybrid electric car that has gained attention for its fuel efficiency and eco-friendly features.One of the most commonly asked questions among Chevy Volt owners and prospective buyers is how much energy is needed to charge the vehicle.In this article, we will explore the ins and outs of Chevy Volt charging and provide a detailed explanation of the kWh required to charge the car.Whether you are a Chevy Volt owner looking to optimize your charging habits or someone considering purchasing the vehicle, this article will provide valuable insights into the charging process.The amount of kWh required to charge a Chevy Volt depends on several factors, including the size of the battery, the level of charge when you start charging, and the charging method you use.The Chevy Volt has two different battery sizes, depending on the model year. The first-generation Chevy Volt, which was produced from 2011-2015, has a 16 kWh battery. The second-generation Chevy Volt, which was produced from 2016-2019, has a slightly larger 18.4 kWh battery.Assuming a fully depleted battery, it would take approximately 13.5 kWh to charge a first-generation Chevy Volt and 14-16.5 kWh to charge a second-generation Chevy Volt.However, this assumes that you are charging the car from a completely empty battery to a completely full battery. In reality, you may not need to fully charge your Chevy Volt every time you charge it.Model YearBattery SizeCost to Charge From 0-100%All Electric Range2011-201516 kWh$1,738 miles2016-201818.4 kWh$2,253 miles201918.4 kWh$2,253 milesWhen it comes to charging a Chevy Volt, the amount of kWh required can be impacted by several factors.READ ALSO How to Warm up Tesla Battery? (with Useful Tips)The Chevy Volt comes with a battery pack that has a capacity of 18.4 kWh. The amount of kWh required to fully charge the battery will depend on how much charge is remaining in the battery when you start charging.The charging speed will also impact the amount of kWh required to charge a Chevy Volt. The faster the charging speed, the more kWh will be required.The Chevy Volt can be charged using a Level 1 charger (which uses a standard household outlet) or a Level 2 charger (which requires a 240V outlet).A Level 1 charger typically provides a charging rate of around 2.5 to 5 miles of electric range per hour, while a Level 2 charger can provide a charging rate of up to 25 miles of electric range per hour.Important: EV battery replacement can cost $1000s. To avoid high-voltage battery replacement, there are some things you can do. Read this article to find out the 10 best ways to maximize EV battery life and save tons of money!The temperature of the battery can also impact the amount of kWh required to charge a Chevy Volt. In colder temperatures, the battery may require more kWh to fully charge, as the cold can cause the battery to lose some of its capacity.On the other hand, in hotter temperatures, the battery may require less kWh to charge, as the heat can cause the battery to become more efficient.Your driving habits can also impact the amount of kWh required to charge a Chevy Volt.If you frequently drive in a manner that uses a lot of power (such as driving at high speeds or accelerating quickly), you may find that you need to charge the battery more often and require more kWh to do so.READ ALSO Kia EV6 Battery Pre-Conditioning: All You Need to KnowFinally, the timing of your charging sessions can also impact the amount of kWh required.If you charge your Chevy Volt during off-peak hours (when electricity rates are typically lower), you may be able to save money on your electricity bill while still ensuring that your battery is fully charged when you need it.The Chevy Volt is a hybrid electric vehicle that has the option to run on gasoline or electric power. When comparing the cost of charging your Chevy Volt versus driving on gasoline, several factors need to be considered.First, the cost of electricity varies depending on where you live and the time of day. In general, it is cheaper to charge your Chevy Volt during off-peak hours when the demand for electricity is low.Some electric companies also offer discounted rates for electric vehicle owners. On average, the cost of electricity per kilowatt-hour (kWh) in the United States is around 13 cents.Second, the cost of gasoline also varies depending on where you live and the current market prices. In general, the cost of gasoline is more expensive than the cost of electricity. On average, the cost of gasoline per gallon in the United States is around $3.50.To determine whether it is cheaper to charge your Chevy Volt or drive on gasoline, you need to calculate the cost per mile. The Chevy Volt has an electric range of up to 53 miles before the gasoline engine kicks in.The cost to charge the Volts battery is around $2.20 for a full charge. This means that the cost per mile when driving on electricity is around 4 cents ($2.20/53 miles).READ ALSO 5 Things About Chevy Bolt Public Charging You Need to KnowWhen driving on gasoline, the cost per mile depends on the fuel efficiency of the vehicle. The Chevy Volt gets around 42 miles per gallon when driving on gasoline. At $3.50 per gallon, the cost per mile when driving on gasoline is around 8 cents ($3.50/42 miles).Based on these calculations, it is cheaper to charge your Chevy Volt than to drive on gasoline. The cost per mile when driving on electricity is around 4 cents, while the cost per mile when driving on gasoline is around 8 cents.However, its important to note that these costs may vary depending on your location and driving habits.In addition to being cheaper, driving on electricity is also more environmentally friendly than driving on gasoline. Electric vehicles produce fewer emissions and help reduce dependence on fossil fuels.When it comes to charging the Chevy Volt, the time it takes to charge depends on a few factors.First, it depends on the type of charging station you are using. The Chevy Volt can be charged using a Level 1 or Level 2 charging station.A Level 1 charging station is a standard household outlet and delivers about 4-5 miles of range per hour of charging. A Level 2 charging station is a dedicated 240-volt circuit and delivers about 25 miles of range per hour of charging.The second factor that affects charging time is the size of the battery.The Chevy Volt has an 18.4 kWh battery, which can provide up to 53 miles of all-electric range. If the battery is completely depleted, it can take up to 13 hours to fully charge using a Level 1 charger, and about 4.5 hours using a Level 2 charger.Its important to note that the Chevy Volt also has a feature called Regen on Demand that allows the driver to generate electricity while driving by using the brakes. This can help extend the range of the vehicle and reduce the amount of time needed for charging.In addition to the charging station and battery size, the charging time can also be affected by the temperature. Cold temperatures can reduce the efficiency of the battery and increase the time needed for charging.The charging time can also be affected by the state of charge of the battery. The closer the battery is to full, the longer it will take to charge. The Car Guide is the benchmark of excellence for the Canadian automotive landscape. It offers news, reviews, and exclusive videos, as well as all of the important details concerning new and used vehicles.

Charging 2018 chevy volt. Chevy volt max charge rate. Chevy volt max charging amps. Chevy volt charge rate.