Best wall charger for ev

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Owning an electric vehicle (EV) offers numerous benefits, and charging it at home significantly enhances convenience and savings. A personal EV charger allows you to recharge at your own pace, avoid crowded public stations, and take advantage of lower electricity rates during off-peak hours. While most EVs come with a basic Level 1 charger that plugs into a standard 120V household outlet and adds around 3-5 miles of range per hour, this method, commonly called "trickle charging," isn't the most practical long-term solution for regular use.

For faster, more efficient charging, a Level 2 charger -- which operates on a 240V circuit -- can boost your charging speed, adding between 30-60 miles of range per hour, depending on your EV's capabilities and the charger's output. Installing a Level 2 charger may require the help of an electrician to set up the appropriate 240V circuit. Still, it is a worthwhile investment for EV owners who want to optimize their charging experience.

We tested every home EV charger on this list to evaluate durability, power output, ease of installation, app features, and connectivity options. Our pick for the best home EV charger overall is the EVIQO Home Charger, which balances performance, durability, and affordability. Its 48-amp output, weatherproof design, and reliable app make it suitable for most users.

The EVIQO Home Charger is our top pick for its combination of high performance, durability, and affordability. With its 48-amp output, this charger can efficiently charge most EVs, adding significant range in

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just a few hours. It features a robust IP67 weatherproof rating, making it ideal for both indoor and outdoor installations, even in challenging weather conditions.

The charger comes with a 25-foot cable, offering flexibility for various parking setups. While not as sophisticated as some competitors, its accompanying app still provides essential features such as scheduling, real-time monitoring, charge cost estimation and session history, and remote control over charging sessions.

The EVIQO charger stands out due to its price and performance balance. It's highly durable, reliable, and priced lower than many other premium chargers, offering excellent value. While other chargers, such as the ChargePoint Home Flex, offer more advanced apps, the EVIQO covers all the key features most users need.

EVIQO Home Charger features: Amperage: 48 amps | Warranty: Three years | Cable length: 25 feet | Durability: IP67-rated | Wi-Fi enabled

The ChargePoint Home Flex is a premium Level 2 charger from a well-known brand in the EV charging space. With an output of up to 50 amps, it provides fast charging for most EVs, allowing users to add 30-60 miles of range per hour, depending on the vehicle. It can be installed using either NEMA 6-50 or NEMA 14-50 plugs, or it can be hardwired for even higher amperage output.

The ChargePoint app is one of the most feature-rich available, offering real-time monitoring, the ability to schedule charging sessions for off-peak electricity rates, and integration with Amazon Alexa for voice control. The app also connects users to ChargePoint's public charging network, giving them access to both public and home charging data in one place.

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