



# Best high powered ev chargers

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The most important decision an electric vehicle owner needs to make--after choosing which EV to buy, of course--is which home charger is the best for their needs. If you're currently trying to figure out which EV charger is the best, you've come to the right place.

What you're about to read is a little different from the average "Best EV Chargers" list you might find on any EV publication or tech website, which often just aggregates reviews from other sources without doing any independent testing at all. Here at InsideEVs and for my channel, State of Charge, I actually do extensive testing on these chargers myself.

Unlike other outlets, I put the chargers through a variety of torture tests and use them for a couple of weeks before I score them with my unique ChargerRater point-based rating system. Nobody takes testing, reviewing, and rating EV charging equipment as seriously as I do.

Emporia entered the EV charger scene in 2022 with a high-quality, yet low-cost 48-amp EV charger. Offered for \$399.00, it was the least expensive 48-amp WiFi-connected smart charger that was safety certified.

It quickly became one of my top recommendations, based on everything it had to offer for under \$400.00. There haven't been many changes since its introduction, but now you can order the Emporia with either a J1772 connector or the new North American charging standard (NACS) connector.

The Home Flex is available as a plug-in unit that can deliver up to 40 amps, or it can deliver up to 48 amps when hardwired. It's a WIFI-connected smart charger that is Amazon Alexa and Google Assistant compatible and has the best cold-weather cable I have ever tested, making it a good choice for outdoor installations in cold weather climates.

Note: ChargePoint advertises the Home Flex as a 50-amp charger, but I've found that to be misleading. That's because an electric device with a continuous load (three hours of continuous use or more) that delivers 50 amps requires a no. 4 wire. However, the Home Flex cannot accept no. 4 AWG. The thickest wire it can accept is no. 6, which, according to the National Electric Code is only good for a 48-amp continuous load.

The Magic Dock is a built-in J1772 adapter that remains tethered to the charger when you remove the Tesla (NACS) connector. However, when you need to charge a J1772-equipped EV (most non-Tesla EVs), you press a button on the Magic Dock and the J1772 adapter pulls out of the charger, tethered to the NACS connector.

The Wallbox Pulsar Plus is available in either 40 amp or 48 amp varieties. While both are very good options, I included the 48 amp version in my top picks because, for only \$50.00 more, you can have the full 48-amp



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version at your disposal.

The Wallbox Pulsar Plus is a compact charger, the smallest 48 amp unit I've ever tested. But don't let the size fool you. It's packed with many smart charging features, it has a sturdy NEMA-4 enclosure, and it can power share with up to 25 other units, making it ideal for apartment complexes or outer multi-family dwellings.

Individuals can also hook up two Pulsar Plus units to one circuit and they will intelligently share power and not overload the circuit. That's great for two-EV households that cannot add another circuit because their electric panel is already maxed out.

Autel offers its MaxiCharger in 40-amp and 50-amp versions. It also has an Elite model as well as the Lite model which I selected as a top pick. The 50 amp Elite costs \$130.00 more than the 50 amp Lite and offers very little functional difference, which is why I recommend getting the 50 amp Lite and saving the cash.

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

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

