



Ev charger numbers by year

Ev charger numbers by year

As of Feb. 27, 2024, there are more than 61,000 publicly accessible electric vehicle charging stations with Level 2 or DC Fast chargers in the U.S. That is a more than twofold increase from roughly 29,000 stations in 2020. For reference, there are an estimated 145,000 gasoline fueling stations in the country.

This chart shows the growth of U.S. public and private electric vehicle (EV) charging infrastructure since 2011. The number of electric vehicle (EV) charging ports has grown consistently, and the number of EV charging station locations has also increased steadily.

There are 64,187 EV charging stations across the U.S. in 2023, an increase of 20% over 2022 when there were 53,492 stations. Correspondingly, there were 175,575 charging outlets in 2023, an...

S& P Global Mobility estimates that there are presently around 16,822 Tesla Superchargers and Tesla destination chargers in the United States, along with 126,500 Level 2 and 20,431 Level 3 charging ports.

S& P Global Mobility says registration data shows that there are 1.9 million EVs on US roads - 0.7% of the 281 million vehicles in operation - as of October 31, 2022.

New light-vehicle registration share for EVs reached 5.2% over the first 10 months of 2022, and rapid growth is going to happen, thanks to consumer demand, US government policy that incentivizes EV purchases like the Inflation Reduction Act, and increasing interest and investment from the financial sector.

EV market share for new vehicles is likely to reach 40% by 2030, at which point the total number of EVs in operation could reach 28.3 million, according to S& P Global Mobility forecasts.

The group expects that there will need to be about 700,000 Level 2 and 70,000 Level 3 chargers deployed, including both public and restricted-use facilities.

So, in order to match the charging needs of all those EVs, the United States will need to quadruple the number of EV chargers between 2022 and 2025 and grow more than eight-fold by 2030, even taking home charging into account, according to the analysts.

By 2027, the analysts expect that there will be a need for about 1.2 million Level 2 chargers and 109,000 Level 3 chargers deployed nationally.

And looking to 2030, with the assumption that there will be 28.3 million EVs on US roads, a total of around 2.13 million Level 2 and 172,000 Level 3 public chargers will be required, in addition to home EV chargers.



Ev charger numbers by year

As of September 27, 2022, all 50 states plus Washington, DC, and Puerto Rico have approved state plans under the National Electric Vehicle Infrastructure formula program [Updated January 18, 2023]. The Bipartisan Infrastructure Law has made available \$5 billion over five years to be spent on EV charging infrastructure across the US. President Joe Biden has pledged that the federal government will pay for the installation of 500,000 chargers.

Contact us for free full report

Web: <https://kary.com.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

