

EV Fast Facts



- Pure electric vehicles – which do not have an internal combustion engine and are plugged in to recharge – will make up around 5 percent of the global auto market by 2020, some auto experts said. ([Reuters](#))
- According to J.D. Power and Associates, expect to see 5.2 million hybrid and all-electric cars sold in 2020 worldwide, accounting for 7.3 percent of the total passenger car sales that year. For 2010, the hybrid/electric car sales should reach 954,000 vehicles, or 2.2 percent of the total pool. ([Earth2Tech](#))
- In February 2009, Congress passed the American Recovery and Reinvestment Act, which allocated hundreds of millions of dollars in green vehicle grants, loans and incentives. One of those incentives provided 50 percent tax credits toward the purchase of electric vehicle charging equipment – capped at \$2,000 for individuals and \$50,000 for businesses. ([PlugInCars](#))
- The grid is being upgraded to accommodate solar panels, demand response and the rebirth of the electric car, among other applications. ([Greentech Media](#))

Make the most of your energySM

Schneider
Electric[™]

With electric vehicles now on the roads, we need to expand the charging infrastructure for this growing market. Schneider Electric has developed efficient charging solutions for electric vehicles that meet the different needs of your customers.



Residential Charging Solutions

Home owners will appreciate simple, easy-to-install and user-friendly solutions for charging their electric vehicles at home. Our charging stations, which meet all NEMA requirements, are suitable for wall or pedestal mounting.



Commercial and Fleet Charging Solutions

Fleet and commercial customers can count on charging solutions that offer convenient and secure public and private access. Advanced versions will feature remote monitoring and billing capabilities.



Fast-Charging Solutions

Customers requiring access to a quick charge will enjoy our fast-charging stations either through stand-alone units or multiple units controlled by a central dispenser. Ultimately, these charging stations will allow drivers to re-charge as conveniently as they re-fuel at gas stations today.

To learn more about our EV charging solutions, please [click here](#).



- By 2015, Pike Research forecasts that more than 1 million plug-in hybrid electric vehicles (PHEVs) and EVs will be sold annually around the world, and during that year, more than 3 million EVs sold to date will be plugging in to recharge their batteries. ([Pike Research](#))
- A car looks like 1.3 homes to a transformer, if utilities can't control when people charge their cars, it will cost \$150 million to \$175 million to upgrade the grid. ([Greentech Media](#))
- Retailers, hotel chains and even some casinos have begun to experiment with giving free power to EV drivers. ([Greentech Media](#))
- The federal government has awarded more than \$100 million for the demonstration and deployment of charging equipment around the country. ([Earth2Tech](#))
- Pike Research conducted a web-based survey of 1,042 U.S. consumers in the summer of 2010 using a nationally representative and demographically balanced sample. The survey found that, based on Americans' driving and commute patterns, PEVs (Plug-in Electric Vehicles), should be a strong fit for a large number of consumers. Likewise, survey respondents indicated strong fundamental interest in PEVs, with 44 percent of participants stating that they would be extremely or very interested in purchasing such a vehicle, assuming the price were right. ([Pike Research](#))
- Investments in smart grid will grow from \$5.6 billion today to \$9.6 billion by 2015, according to GTM Research. ([Greentech Media](#))
- Pike Research anticipates that the fleet market for hybrid electric passenger cars and light duty trucks is expected to grow at a rate of 18 percent between 2010 and 2015, resulting in sales of more than 740,000 hybrid fleet vehicles worldwide in 2015. Hybrids will account for 3.7 percent of global light duty vehicle fleet sales in 2015, while the largest single market, the United States, will see hybrids reach 7.4 percent of light duty vehicle fleet sales. ([Pike Research](#))

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