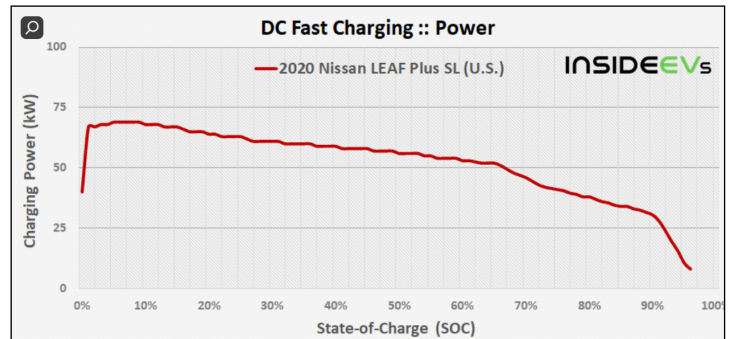
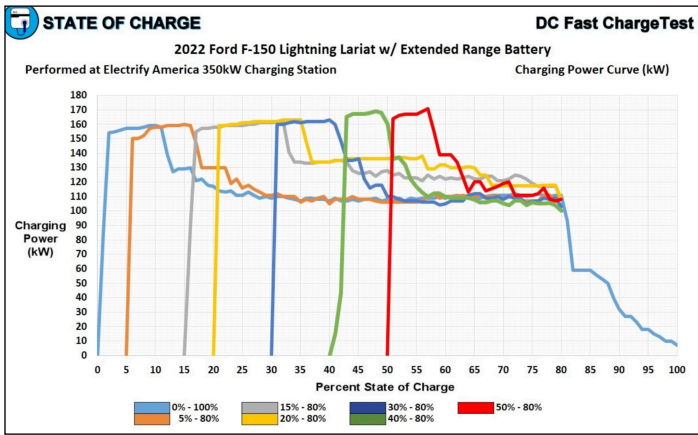
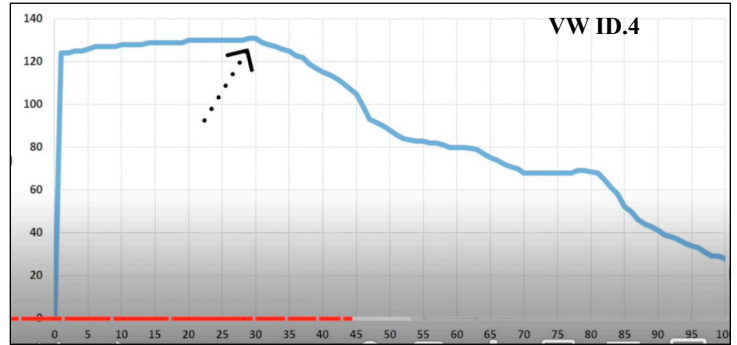
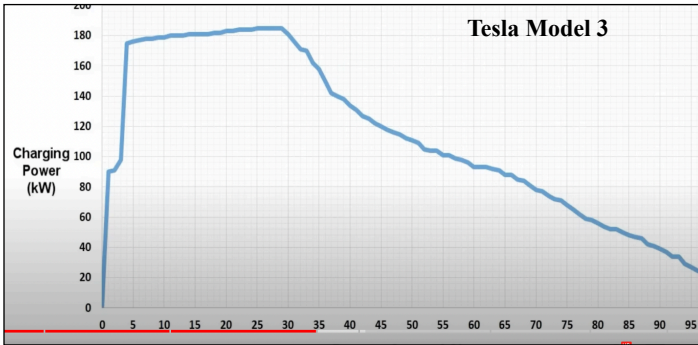
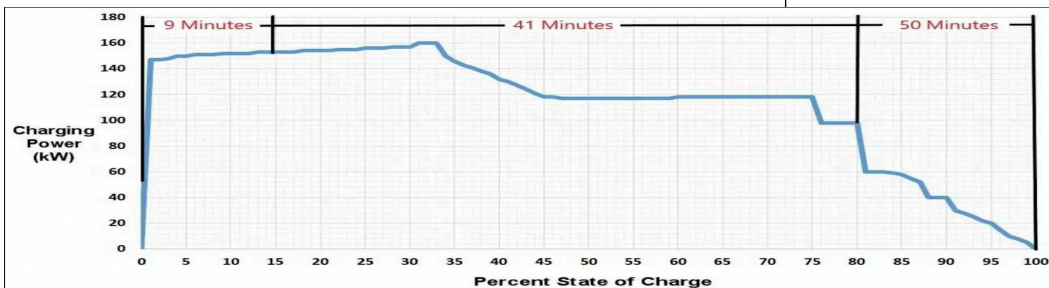


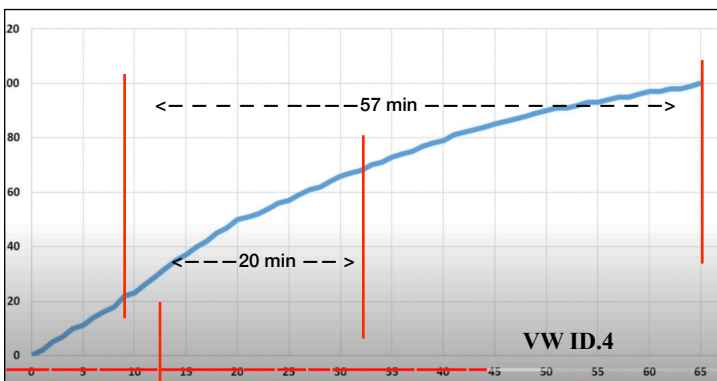
Top 4 graphs show charging rate slowing as the state of charge changes from 0% to 100%. Most cars have a set rate that slows down to protect battery health. The Ford Lightning always gives the max charging speeds and lowers the charge rate as the battery heats up.



All graphs from From State of Charge



Ford Lightning graph on the left is not proportional to time but they wrote the times in since that info is important. 50 minutes from 0-80% and 50 minutes from 80-100%. Charging to 100% is a waste of time and should be avoided anyway.



In the graph on left has two different charging times. 20 minutes going from 30% to 70% and 57 minutes from 20% to 100%. Charging 20 minutes twice (or 40 minutes) saves 17 minutes at the charger with the benefit of getting another break for restroom and stretching legs.

The goal of this page is to help drivers understand these chargers and charge more conveniently. And have fewer working chargers reported as broken.