

## A surprising result for the Kia EV6 GT-Line RWD in AMCI Testing's latest MP6® Real World, Fast-Charge Test



*Highest-speed charging at Tesla Superchargers proves elusive even with EV6's engineering sophistication.*

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As evidenced by the amount of charging speed conversation at CES, AMCI Testing's new **MP6®** testing standard continues to yield valuable, and often surprising, real-world results and the industry is starting to take notice. Why? While price and charging infrastructure have been capturing headlines, charging speed is becoming an issue as the market becomes more mainstream. The mainstream market will depend more on public charging, and nobody wants to spend one more minute than they must at a charger, particularly during a Chicago winter! **MP6®** approximates the average ICE vehicles' 6-minute fueling time.

The transition to electrification is multi-faceted and in a state of flux due to slower consumer uptake and the need for OEMs to comply with ever more stringent CO2 reduction requirements. "Kia, unlike some other OEMs, has not shied away from maintaining their huge commitment and technical innovation in the creation of their EV platforms," said David Stokols, CEO of AMCI Testing's parent company, AMCI Global. "Revealing all the complexities and engineering trade-offs inherent in EV design, in the **MP6®** charge-test interval, EV6 only placed mid-pack despite being a leader in EV."

As a reminder, the **MP6®** test regimen currently takes place at the nation's most available public charging network—the Tesla Supercharger fitted with its 'Magic Dock' adapter—and measures miles of range added from 10% SOC (state of charge) within 6 minutes.

### AMCI Testing MP6® Leaderboard Results:

1 <sup>st</sup> place	Toyota bZ4X	35.0 <b>MP6</b>
2 <sup>nd</sup> place	Ford Mustang Mach-E	32.5 <b>MP6</b>
3 <sup>rd</sup> place	Mercedes-Benz EQE	31.5 <b>MP6</b>
4 <sup>th</sup> place	Hyundai IONIQ 5	28.0 <b>MP6</b>
5 <sup>th</sup> place	Kia EV6 GT-Line RWD	23.0 <b>MP6</b>
6 <sup>th</sup> place	Ford F-150 Lightning	22.0 <b>MP6</b>
7 <sup>th</sup> place	Rivian R1S	20.5 <b>MP6</b>

“There are many design and engineering parameters that determine charging performance, and it is the interplay between all of these factors that creates a great **MP6**® result,” said Guy Mangiamele, Director of AMCI Testing. “On the Tesla Supercharger, EV6 GT-Line RWD achieved a consistent peak-charge rate of 97 kW. That was lower than what we measured for the 1<sup>st</sup> Place Toyota bZ4X, for example, which was 137 kW. However, we did see EV6 rates as high as 195 kW on the 350 kW EA charger, using the identical **MP6**® protocol.”

In the coming weeks and months, as OEMs provide vehicles, AMCI Testing will publish further **MP6**® test results with commentary on the experience. Go to [www.amcitesting.com](http://www.amcitesting.com) to sign up to receive updates as they occur.

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## **About AMCI Testing**

AMCI testing is an independent automotive research firm, specializing in unbiased, exclusive, comparative evaluations of automotive products since 1984. The breadth of our testing includes ICE, HEV, PHEV, BEV, FCEV powertrains and every facet of measurement and product category. AMCI Testing Certification is recognized globally as an industry gold standard.