# "RANGE ANXIETY"

68% of one-way commutes are 15 miles

89% of one-way commutes are 35 miles

#### How far can you go in an EV?

Many electric vehicles already have enough range (100 to 200 miles) for most trips. 68% of commutes in the US are less than 15 miles each way, and 89% are less than 35 miles.

"When deciding which electric vehicle to buy, the most-often-cited factor in the purchase decision is battery and driving range."



### **WHAT IMPACTS RANGE?**





**BATTERY AGE** 



**CHARGE CAPACITY** 

## **TIPS TO EXTEND EV RANGE** WITH IMPROVED **BATTERY TECHNOLOGIES**



**ENHANCE** BATTERY DESIGNS TO BOOST OUTPUT



**REDUCE THE SIZE,** AND WEIGHT OF THE **BATTERIES** 



**MAKE THE MOST OUT OF EACH BATTERY CELL** 

## **HOW DOES CELL-PLX™ ADDRESS THESE CHALLENGES?**



Handle design-specific requirements for aluminum, performance plastics, dielectric layers and more.



Thin, lightweight and customizable to meet any power output and configuration requirements.



Interplex U-Turn technology improves battery lifespan by achieving excellent current density spread and reducing stress on the individual battery cells.



DISCOVER CELL-PLX™



**FOR MORE INFORMATION**