



**CHARGING YOUR
EV SHOULDN'T BE
A PAIN.**

Electric vehicles are at an inflection point

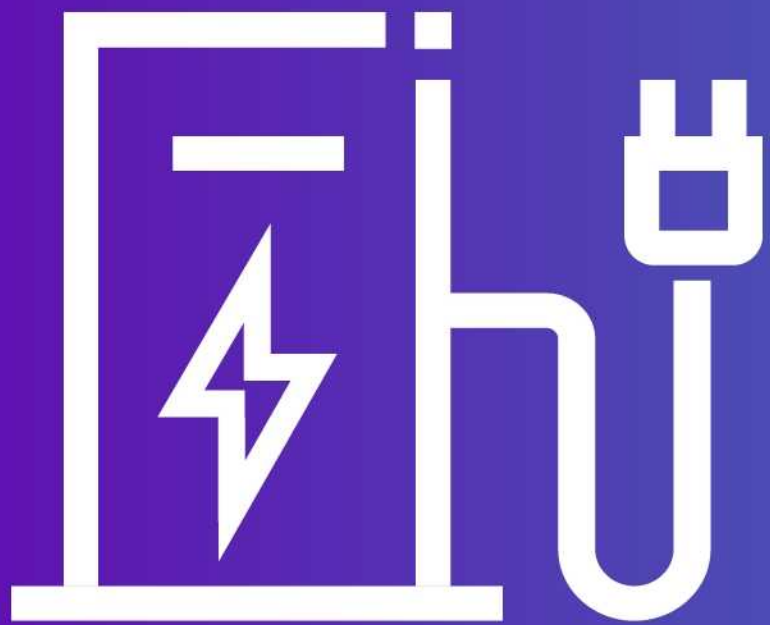
By 2030,
EV adoption
is expected
to reach
more than

50%



But today
adoption is
estimated
to be only
~10%





***Charging Anxiety** (noun)

the concerns about the time spent charging a car, or the worry that charging outlets will not be available for a driver when arriving at the station.

**Here are some reasons
for the frustration »»**

A close-up photograph of a person's hand plugging a charging cable into the rear of a white electric vehicle. The car's red taillight is visible. The background is blurred, showing what appears to be a parking lot or charging station.

Charging takes too long

Time required to charge is one of top 3 drivers' concerns, alongside cost and driving range. **Drivers are willing to pay more to spend less time charging.**

Fast chargers aren't widely available, especially in remote areas



2.38M

fast chargers are needed in US, but last June there were **only ~140K** public fast chargers.

03

Long wait at the station

Drivers often arrive at the station only to find a line of cars waiting to charge, or chargers occupied by cars that aren't actively charging.



Lack of compatibility

Drivers are regularly confronted with charging connectors that aren't compatible with their vehicle brand.

04



05

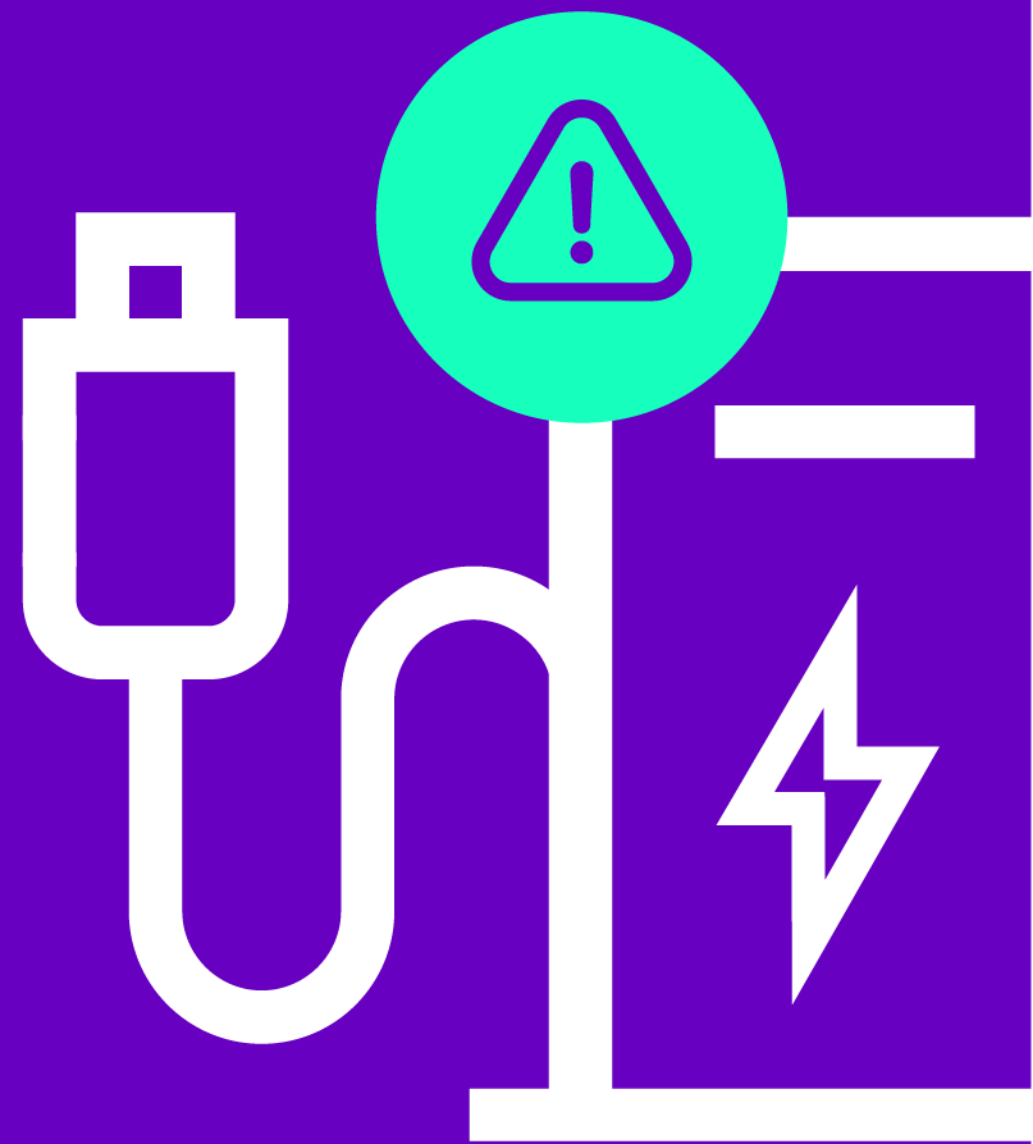
Non-functional chargers

1/4

In 2022, 25% of fast
chargers in CA bay area
weren't functional

~5%

of the cases:
cable **was
too short**
to reach the EV



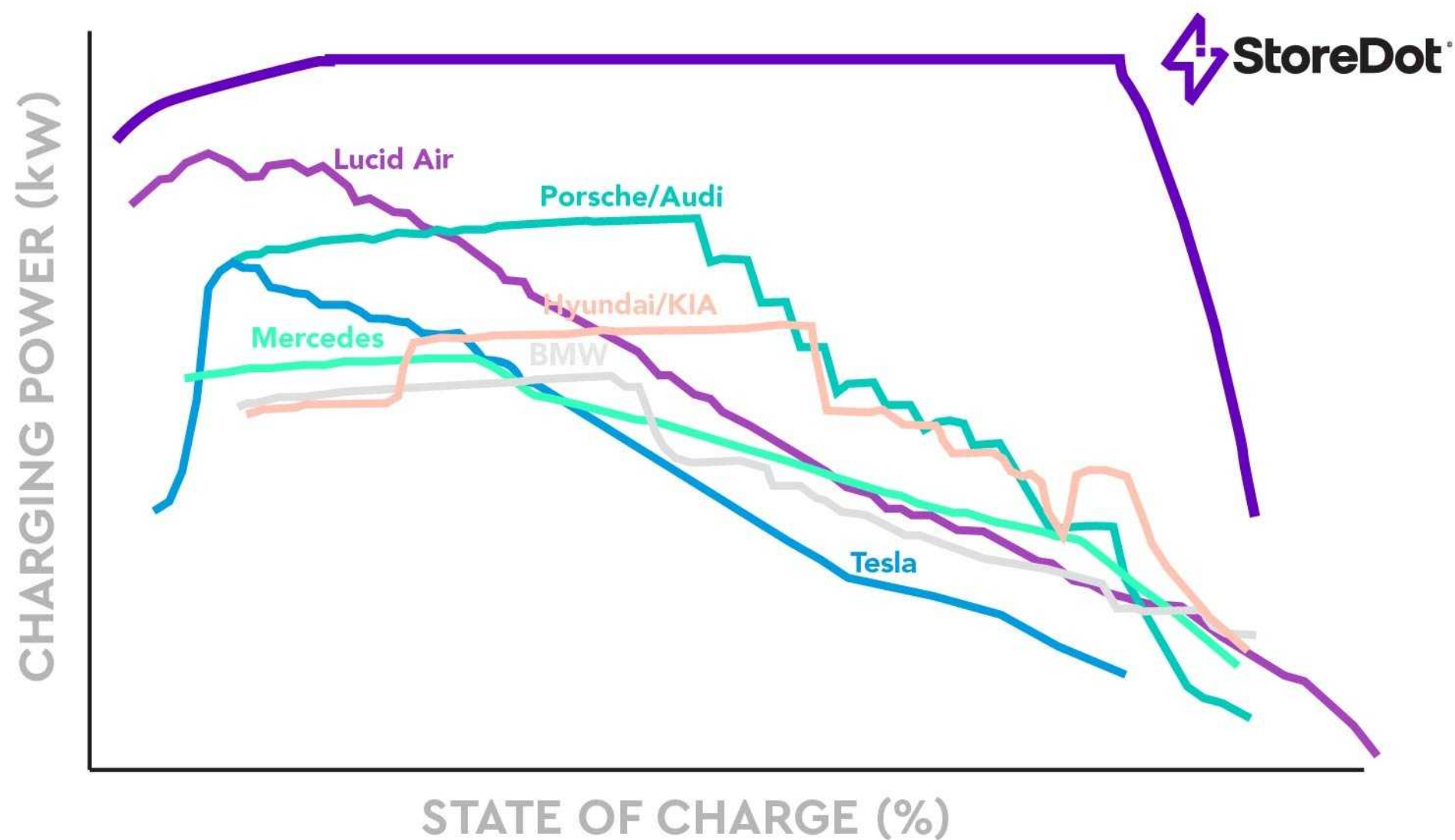
Different mobile apps for different providers

Drivers must install multiple apps to charge and pay at different providers' charging stations.

06

Unreliable charging rate

Premium EV models that have fast charging capability start filling up fast, but then the rate goes down.



*If we want drivers to
embrace fully
electric cars,
**we must make it
easier to charge
away from home.***

The solution to charging anxiety is to provide drivers the same experience as fueling:

***CHARGING AN EV
IN MINUTES***



StoreDot's solution: 100in5 silicon batteries



Charged in 10min: >X2 faster than premium fast charging models



No degradation due to fast charging

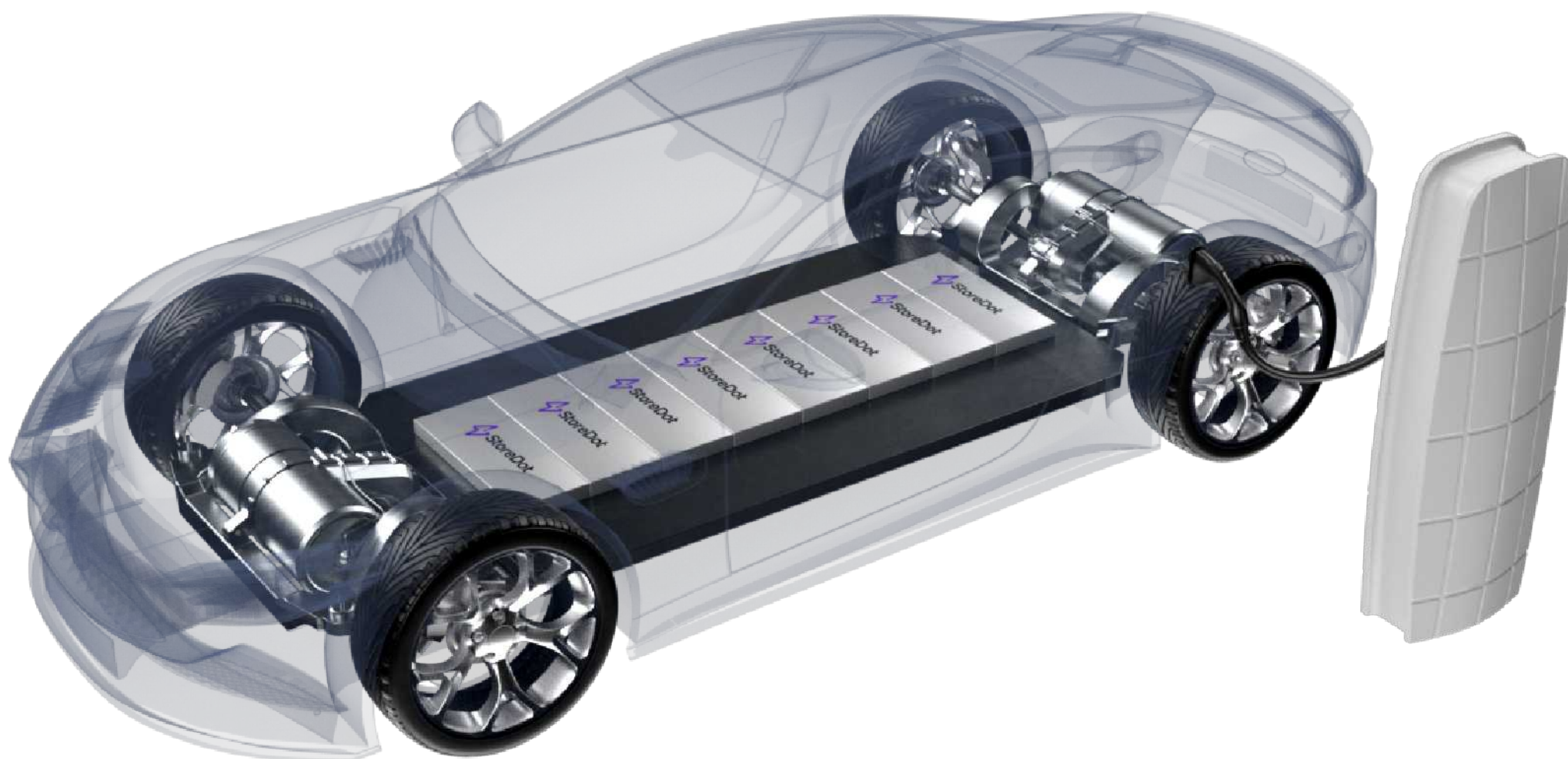


Consistent charging rate, no matter how full the battery is



LEARN HOW

WWW.STORE-DOT.COM



Resources



- Slide 1** UBS - Global Electric Vehicle Battery Makers, Monthly Recharge: IRA developments/Future of city transport

- Slide 4** Goldman Sachs Research; IHS Insights

- Slide 6** Deloitte 2023 Global Automotive Consumer Study
What Electric Vehicle Owners Really Want from Charging Networks, BGC. EV Charging Survey, January 2023

- Slide 7** EVAdoption, LLC, 29 May & 7 July 2023; Studies from ICCT, S&P Global Mobility, Fuel Institute/S&P Global, &McKinsey; Alternative Fuel Data Center (AFDC)

- Slide 12** www.p3-group.com/en/p3-charging-index
www.insideevs.com/news/550025/lucid-air-fast-charging-review