

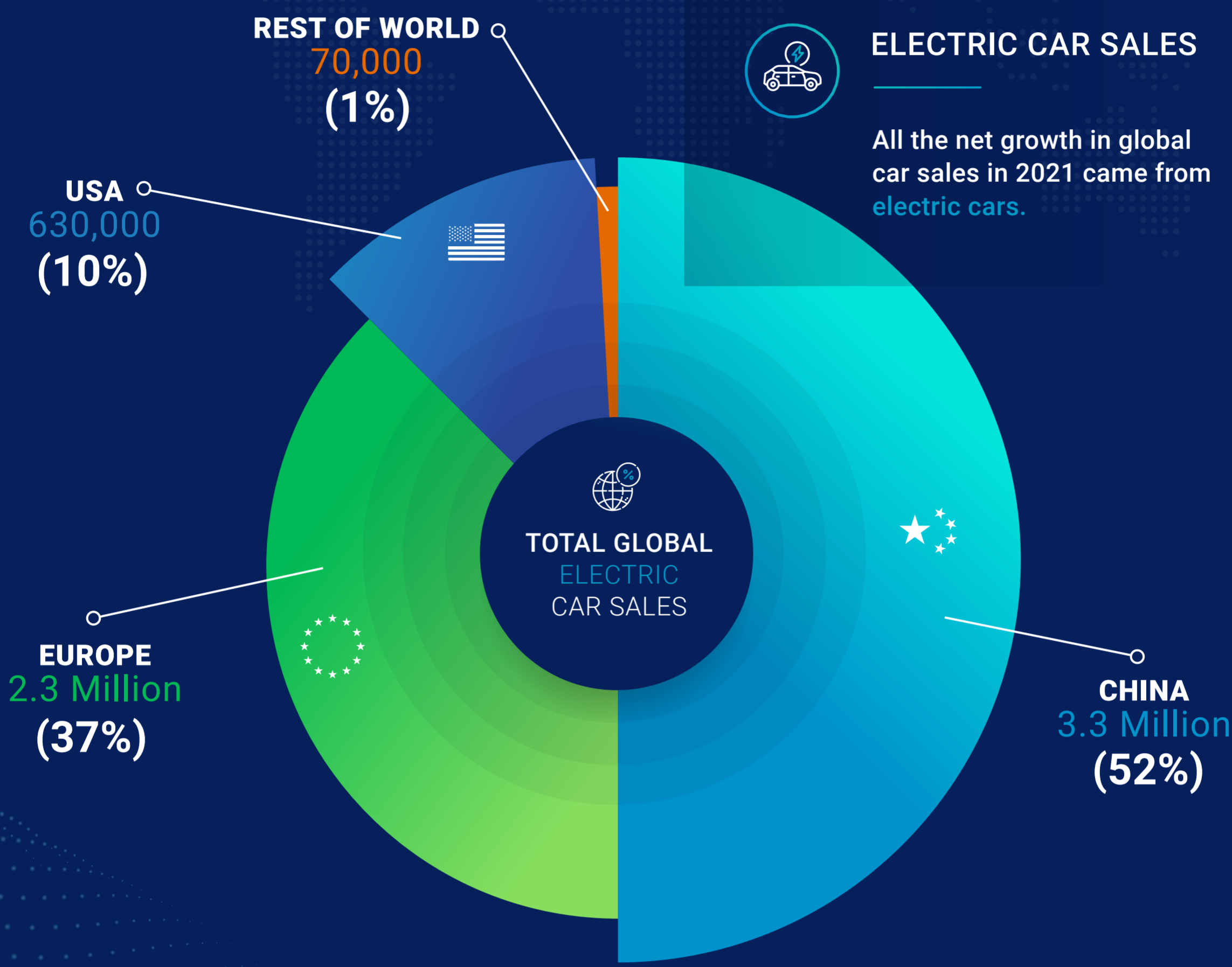
# BATTERY AND FUEL CELL ELECTRIC VEHICLES (EV)

## OVERVIEW OF THE ELECTRIC CAR MARKET



### ELECTRIC CAR SALES % IN THE GLOBAL CAR MARKET

Electric car sales accounted for 9% of the global car market in 2021 – four-times their market share in 2019.



### ELECTRIC CAR SALES

All the net growth in global car sales in 2021 came from electric cars.

## BATTERY VS FUEL CELL

### CHARGING VS REFUELING

	Battery EV	Fuel Cell EV
Public Charging Stations	Growth rate of 5000+ stations per quarter.	Growth rate of 100+ stations per quarter.
Time To Charge/Refuel	30 mins*	5 mins

\*Estimated charge time to 80% using a Level 3 fast charger

## BATTERY VS FUEL CELL

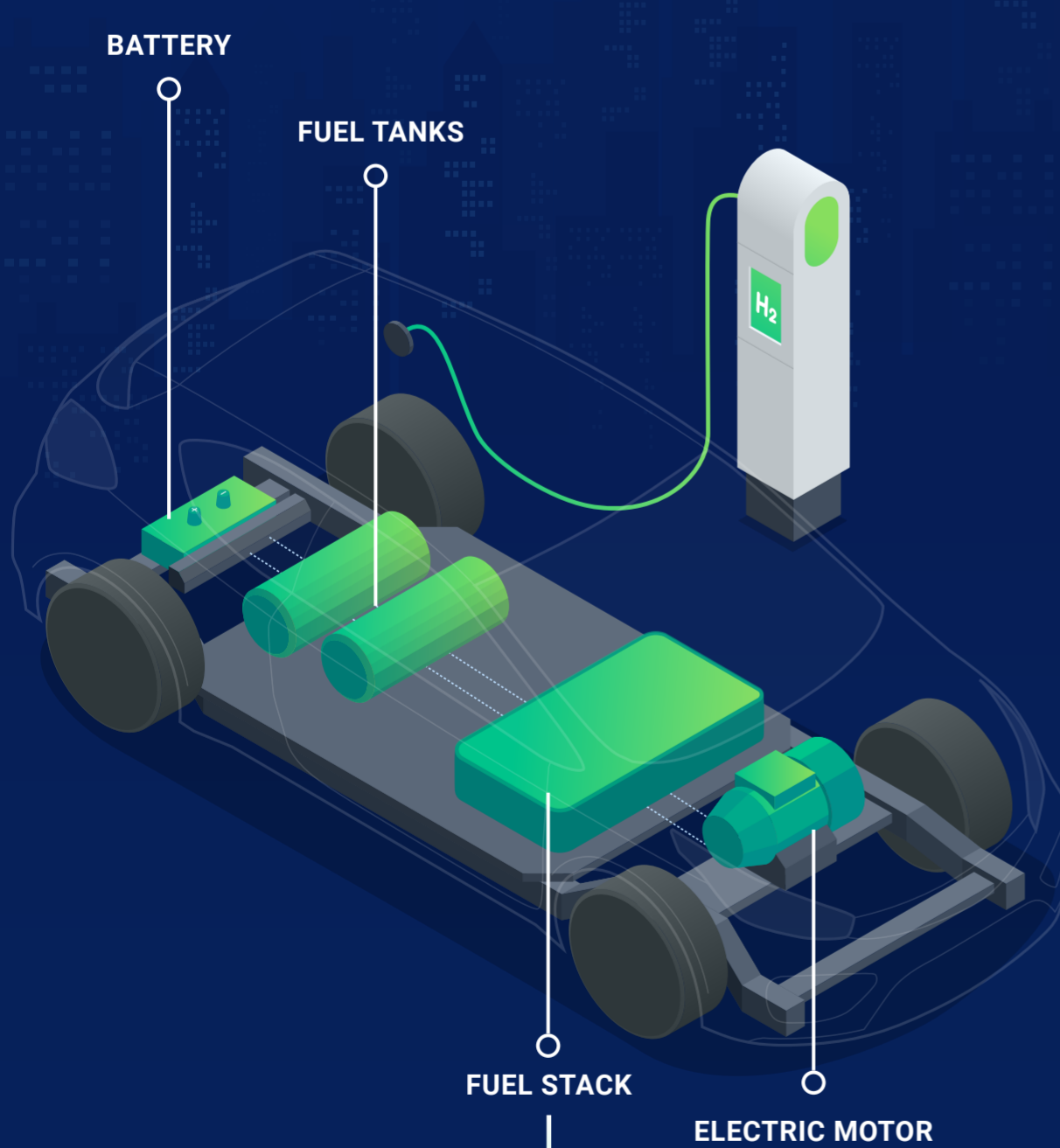
### INITIAL COST VS OPERATING COSTS

	Battery EV	Fuel Cell EV
Initial Costs	Lower upfront costs.	Higher upfront costs.
Operating Costs	Consumer vehicles have an edge due to the maturity of its charging infrastructure.	Commercial fleets with private centralized hydrogen refueling can provide long-term savings. For long-haul trucking, fuel cells are a lighter and cost-effective alternative to batteries.

## INTERPLEX ENERGY SOLUTIONS

We partner with OEMs and Tier-1s to design, develop and manufacture custom solutions across various EV types – hybrid, battery and fuel cell.

### HYDROGEN FUEL CELL EV



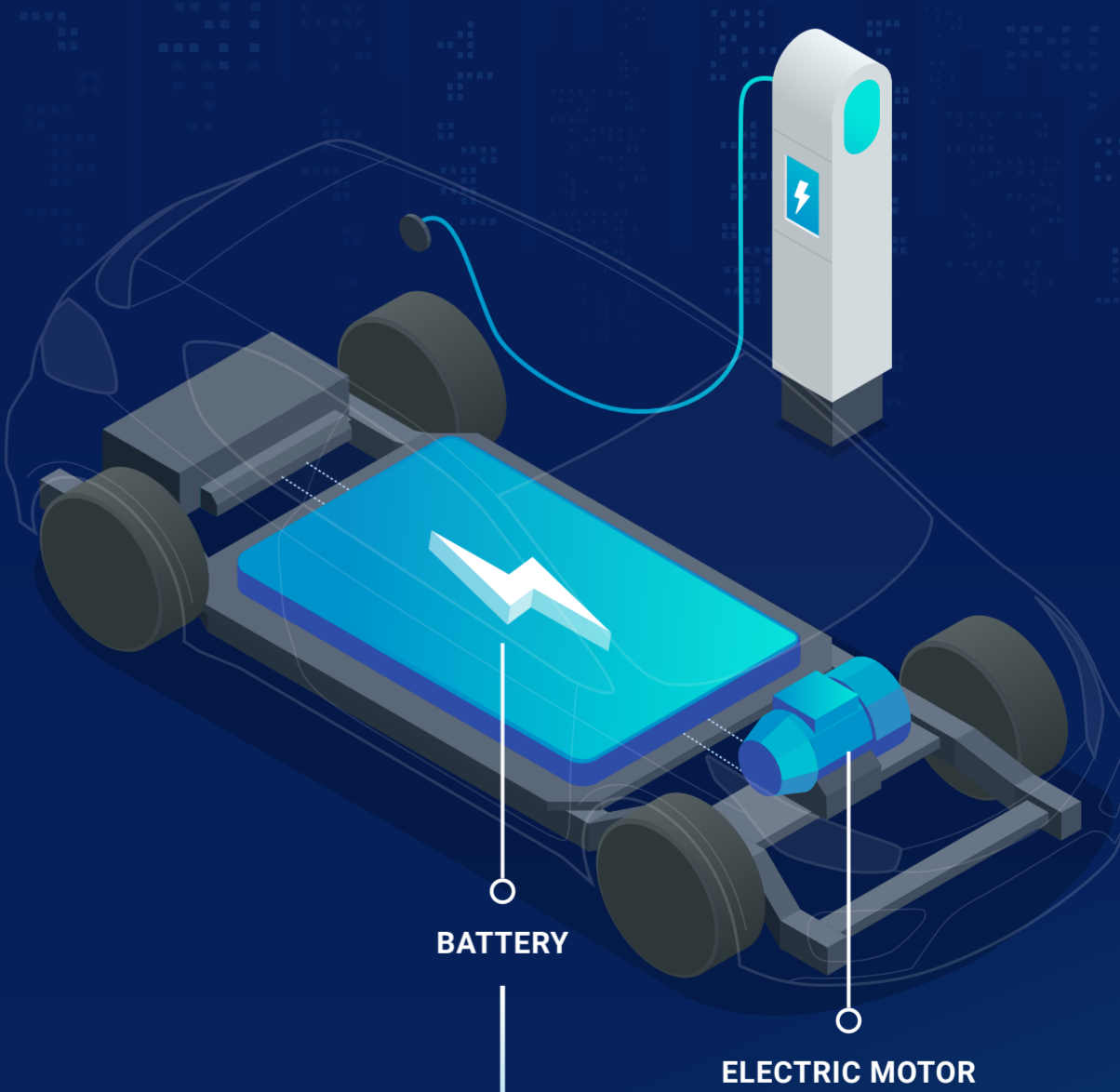
### FUEL CELL EV

FUEL CELL BIPOLAR PLATES

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### LITHIUM-ION BATTERY EV



### BATTERY EV

CELL-PLX™ BATTERY INTERCONNECT SYSTEM

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