

TESLA VEHICLES AND CHARGING NETWORKS

FOR THE NATIONAL ACADEMIES OF SCIENCE WEBINAR MAY 2, 2019

OUR MISSION



A SUSTAINABLE FUTURE



Generation Storage Transport

THE TESLA FAMILY



Made in America
5 Star Safety Ratings
Up to 370 Miles Per Charge
Industry Leading Performance

THE TESLA FAMILY - PART TWO







TESLA CHARGING







Supercharging Destination Charging Where You Park

TESLA CHARGING EQUIPMENT



V3 Supercharger (250 kW)



V2 Supercharger (150 kW)



Supercharger (72kW)



Wall Connector (Level 2)



Max Output Power	250 kW	150 kW	72 kW	7-17 kW
Typical Charge Time	20 minutes	40 minutes	50 minutes	4-8 hours
Target Use Case	Long Distance	Long Distance	Urban Fast Charging	Destination Charging (Public + Work + Home)

SUPERCHARGING



1,441 Supercharger Stations with 12,888 Superchargers Globally

DESTINATION CHARGING



Charge for a few hours or overnight when you arrive at Destination locations – at hotels, restaurants and shopping centers.

CHARGE WHERE YOU PARK







At Home At Work Around Town

TYPICAL CHARGING



Unlike refueling, charging mostly happens at home or work



APPENDIX

SUPERCHARGING





Navigate

Enter a destination on your touchscreen and Trip Planner will automatically route you through convenient Superchargers along the way.



Recharge

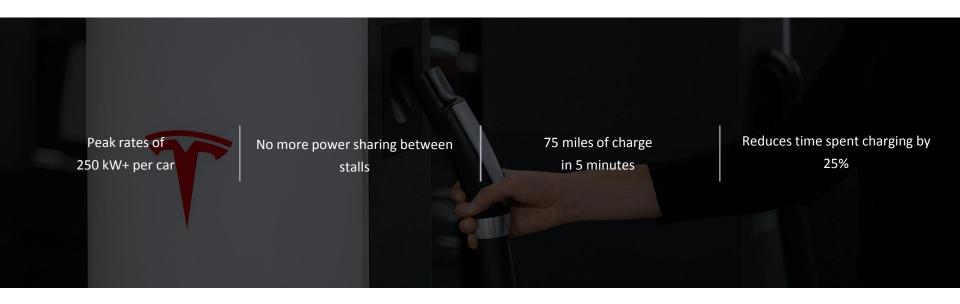
Plug in for about 30 minutes and grab a cup of coffee or a quick bite to eat while you charge.



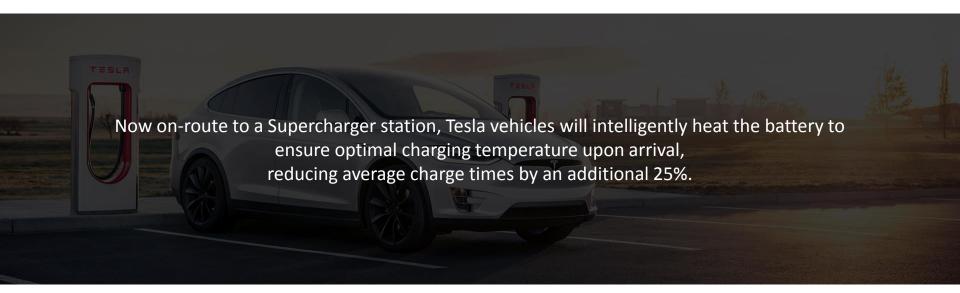
Journey

Get notified from your Tesla app when your vehicle is ready to go.

V3: FASTER CHARGING, NO MORE POWER SHARING



ON-ROUTE BATTERY WARMUP



CHARGE IN HALF THE TIME

