

# 2021 Mustang Mach-E

## 2021 Mustang Mach-E > Performance and Handling

### Charging

2021 Mustang Mach-E is designed to give customers a worry-free ownership experience. Two of the most prominent concerns for first-time EV customers are keeping the battery charged and having enough range to accomplish all their daily driving duties. With a targeted EPA-estimated 300-mile range for models with the optional Extended Range Battery and RWD, customers should have peace of mind.



### CHARGING THE MUSTANG MACH-E BATTERY

Charge Level	Charging Power	Charging Source	Miles of Range per Hour of Charge <sup>(4)</sup>	Time to Fully Charge <sup>(5)</sup>
<b>Standard</b> Level 1 using standard Ford Mobile Charger portable charge cord <sup>(1)</sup>	120-volt/12-amp	Conventional household outlet (NEMA 5-15)	3	95+ hours
<b>Standard</b> Level 2 using standard Ford Mobile Charger portable charge cord <sup>(1)</sup>	240-volt/32-amp	Dedicated household outlet (NEMA 14-50)	21	14.1 hours
<b>Available</b> Level 2 using available Ford Connected Charge Station – requires installation by a certified electrician <sup>(1)</sup>	240-volt/48-amp	Ford Connected Charge Station installed in garage or driveway	30	10.1 hours
<b>Available</b> Level 3: <sup>(2)</sup> on the road	DC fast charge (150 kW)	Stations found through FordPass Charging Network	61 miles in 10 minutes	45 minutes (to 80%)

### MILES OF RANGE PER HOUR OF CHARGE

Charge rates for Electric Vehicle Supply Equipment (EVSE) are expressed as miles of range per hour of charge. There is currently no standard abbreviation for miles of range per hour of charge, but a number of abbreviations are in common use.

Abbreviation	Meaning
rph	range per hour
mrph	miles of range per hour
mrphc	miles of range per hour of charge
mr/h	miles of range/hour

### NETWORK OF CHARGE STATIONS

The FordPass Charging Network provides Mustang Mach-E customers access to the largest public charging network in North America. When owners register through the FordPass app, they can recharge at more than 13,500 charging stations across North America<sup>(3)</sup> — and the network keeps growing. FordPass Charging Network members can access public chargers at Electrify America and many other charging networks using the same account, which will give Mustang Mach-E owners that wide-ranging network of DC fast charge and Level 2 charging stations.

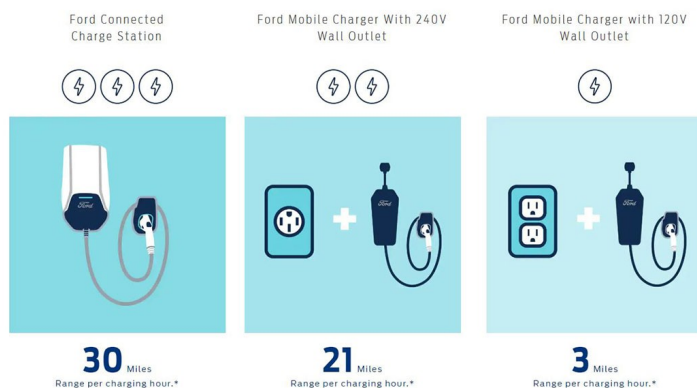
Registered customers can use FordPass on their phone, or SYNC 4A within the vehicle, to locate a charger, check availability, pay for charging and receive updates on their vehicle's charging status.



## CHARGING EQUIPMENT IS STANDARD

### Charging at Home

Charging your vehicle is as simple as charging your phone. You can charge overnight with the Ford Mobile Charger that comes standard with your electric vehicle. And if you're looking for a faster home charging solution, you have options.



The **Ford Mobile Charger** for 120-volt charging or 240-volt charging is included with every Mustang Mach-E electric SUV. Customers can purchase a 240-volt/48-amp Ford Connected Charge Station for their home or business for faster charging and connected features. Mustang Mach-E owners can carry their mobile charger with them wherever they go. **DC fast charging** capability is also standard — this method of charging is available outside the home and easily found and accessed through the vehicle center-stack touchscreen or the FordPass app.

## PURCHASING A FORD CONNECTED CHARGE STATION (240-VOLT LEVEL 2)

Your customers can improve their ownership experience with the purchase of a 240-volt/48-amp Ford Connected Charge Station wall unit that can charge at least 10 times faster than a conventional 120-volt outlet. Its charging cord is 20 feet in length. Customers with a 240-volt (Level 2) charging unit can add up to approximately 32 miles of range for every hour of charging.<sup>(4)</sup> The cost of the home Connected Charge Station can be included in the customer's financing plan. Installation can be arranged through Amazon for customer convenience. The Amazon installation link will be available on the Mustang Mach-E website by early 2020.



## DC FAST CHARGING TIPS





**DC fast charging** stations are typically located off major roads and highways alongside amenities such as restaurants for a convenient way to charge during road trips. This is the fastest way to charge because of the high amperage and direct infusion of energy into the battery. Customers can add about 47 miles for every 10 minutes of charge (depending on battery). <sup>(4)</sup> DC fast charging restores 80 percent power to the battery in about 45 minutes<sup>(4)</sup> on the extended-range RWD variant. Mustang Mach-E customers can register with FordPass Charging Network to get public charging access to Electrify America stations across the country as well as other DC fast charging network stations.

## CHARGE STATUS LIGHT

The **LED charge status indicator** light consists of five arcs forming a circle to tell the customer there's an active charge going on — and to show its progress. Each arc represents the level of charge in the battery, starting with 0-20 percent and progressing at 20-percent intervals until it reaches 100 percent. When the battery is full, the charge indicator light will form a fully lit circle.



## TIMING IS EVERYTHING



Customers can preprogram their preferred charge times for the vehicle through their FordPass app or the center-stack screen. Remind customers that overnight charging, also known as **value charging**, is usually the economical way to charge because of lower electricity rates.<sup>(5)</sup> Mustang Mach-E owners with FordPass can also check their scheduled charge times or active charge status on their phone.

## GOING THE DISTANCE

Customers who order Select or Premium models have the choice of a standard **range** or extended range battery. California Route 1 and Premium models with **First Edition** are extended range only.

### WEEKEND TRIP

With an extended range battery and targeted EPA-estimated range of 300 miles, a Mustang Mach-E owner could potentially drive their EV from Detroit to Chicago without a stop to recharge. But considering mileage varies based on conditions, it's more practical to make that 285-mile journey with at least one recharging stop along the way.

There are DC fast-charging stations in Marshall, Michigan, and in Mishawaka, Indiana, (near South Bend) that would serve as possible "refueling" stops along that route. DC fast chargers are capable of providing approximately 47 miles of charge in 10 minutes,<sup>(4)</sup> so theoretically, a 20-30 minute lunch break would allow a customer to plug in and load plenty of miles to comfortably reach their destination — in either direction.

With the FordPass Power My Trip planner, available in the vehicle or on the FordPass app, customers can establish their route and then see what charging stations are along the way.

Power My Trip uses cloud-based navigation and can alert the driver of upcoming climate and altitude changes on their route ahead, which could potentially affect their driving range.

(1) At home.

(2) On the road public stations only.

(3) Expected by the end of 2019.

(4) Results may vary.

(5) Based on local utility participation.

**NOTE:** FordPass, compatible with select smartphone platforms, is available through a free download. Message and data rates may apply.

**NOTE:** FordPass Connect (optional on select vehicles), the FordPass app, and Complimentary Connected Services are required for remote features (see FordPass Terms for details). Connected Service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected services excludes Wi-Fi hotspot.

**NOTE:** For availability of product features, please see Availability by Model and/or the [Dealer Ordering Guide](#).