



GEN 2 MOBILE CONNECTOR

OWNER'S MANUAL



NORTH AMERICA



The Mobile Connector is 20 feet (6 meters) long. Use an existing outlet or install a new outlet within approximately 13 feet (4 meters) of the vehicle's charge port and at least 18 inches (45 cm) above the ground. The charge port is located on the left side of the vehicle, behind a door near the rear tail light assembly.



WARNING: Do not use an extension cord, a multi-outlet adapter, a multi-plug, a conversion plug, or a power strip to plug in the Mobile Connector.

Specifications Reference

Description	Specifications
Voltage	100-240 volt AC single-phase
Maximum Current	32A maximum; controlled by the appropriate adapter
Grid Frequency	50 or 60 Hz
Cable Length	20 ft (6 m) with adapter installed
Mobile Connector Controller Dimensions	Height: 7.1 in (179.8 mm) Width: 3.2 in (81.7 mm) Depth: 1.9 in (47.3 mm)
Weight	5.2 lbs (2.4 kg)
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Enclosure Type	4X
Ventilation	Not Required

Charging Time

Charging times vary based on the voltage and current available from the power outlet, subject to various conditions. Charge time also depends on ambient temperature and the vehicle's Battery temperature. If the Battery is not within the optimal temperature range for charging, the vehicle heats or cools the Battery before or during charging.

To estimate the total time it takes to recharge the Battery in hours (from near empty to near 100%), divide the battery size (kWh) by power (kW). Note that different adapters provide different current and power outputs.

If you are charging a Tesla, you can also touch the **Charging** icon to review the charging status information; it displays the time remaining until fully charged at the currently selected charge level.

For more information on how long it takes to charge your Tesla vehicle, go to www.tesla.com.

Charging Rate Reference

Adapter	Current	Power at 120 Volts
5-20	16A	1.7 kW
5-15	12A	1.3 kW



Adapter	Current	Power at 240 Volts
14-50, 6-50	32A	7.6 kW
14-30, 10-30	24A	5.7 kW
6-20	16A	3.8 kW
6-15	12A	2.8 kW