

EV Connector types

Name	AC/DC	Image	Charging Rates	Who uses it?
Type 1 Usually untethered Home/ Public charging	AC		3 – 7 kW	Mitsubishi Kia Soul EV Nissan E-NV200
Type 2 Usually untethered Home/ Public charging	AC		3 – 50 kW	Audi BMW Hyundai Kia Niro Renault Nissan Leaf 2018 Tesla VW
CHAdeMO Generally tethered Found at service stations (Rapid Charger)	DC		10 – 80 kW	Mitsubishi Nissan Leaf/E-NV200 Kia Soul EV
Combo or CCS Generally tethered Found at service stations (Rapid Charger)	DC		10 – 80 kW	Audi BMW Hyundai Jaguar VW
Tesla Super Charger Tethered / Rapid charger.	DC		120 kW	Tesla Only

How fast will it charge?

Charger	Leaf 40kWh	Tesla 90kWh
3.5 kW	11h30m	26h
7 kW	5h 45m	13h
22 kW	1h50m	4h
50 kW	55m	2h
120 kW		45m

Remember ...

- Charge rate of car may be lower than charge point (The lower rate of the two is the rate you get)
- Battery Size (kWh) / Charge Rate kW = Charge Time
- Public Chargers often have multiple connectors
- Tesla Superchargers in pairs and power is shared
- Most public slow chargers will be type 2 female – (own lead will be required to use those chargers)