

EV Charging

Practical skills

The connector types, charging speeds, and the battery habit that matters.

Typical speeds; the car's own limit may be lower.

Type	Power	0–80%
Domestic 3-pin	2.3 kW	20+ hours
Home wallbox	7 kW	6–8 hours
Three-phase AC	11–22 kW	3–4 hours
Rapid DC	50 kW	45–60 min
Ultra-rapid DC	150–350 kW	15–30 min

Charging slows sharply above 80% to protect the battery. On a long journey, two short stops beat one long one.