

Appendix B: Types of Electric Vehicle Chargers

Common Name	Speed of charge	Supply Voltage	Current Output	Power Output	Typical Applications
Level 1	Slow (full charge a BEV in 8-20 hours)	120 V, 1PH	12-16 A	1.44 -1.92 kW	Home, workplace
Level 2	Medium (full charge a BEV in 4-6 hours)	208-240 V, 1PH	12-80 A	2.5 – 19.2 kW	Home, workplace, public
Direct Current Fast Charger (Level 3)	Fast (full charge a BEV in under an hour)	208-600 V, 3 PH	Up to 400 A	Up to 400 kW	Public (especially near highways)