

## Glossary & Terms

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Abbreviation	Term	Definition
AC	Alternating Current	Flow of the electric charge that periodically reverses direction.
DC	Direct Current	Electric charge that flows in one direction.
EV	Electric vehicle	An electric vehicle (EV), also referred to as an electric drive vehicle, is a vehicle which uses one or more electric motors for propulsion.
ICE	Internal combustion engine	An engine that converts the chemical energy liberated through combustion of fuel, into a mechanical energy that is used to propel the vehicle (= traditional engines, powered by gasoline, diesel, ...).
CCS	Combined charging system	The combo coupler is based on the Type 2 (VDE) AC charging connector, with full compatibility with the SAE specification for DC charging, with additional pins to accommodate fast DC charging at 200-450 Volts DC and up to 90 kW.
HV	High Voltage	Related to a DC voltage of more than 60 volts. Future commercial vehicles will be prepared for 600 volts or more. All-electric-powered commercial vehicles will commonly feature voltages of 600 volts or more.
HEV	Hybrid electric vehicle	Is a vehicle which combines a conventional ICE with an electric propulsion system.
mHEV	Mild hybrid electric vehicle	In-between a conventional gasoline vehicle and a full hybrid. A mild hybrid uses a smaller battery, and a motor-generator that can both create electricity and help boost the gas engine's output. Mild hybrid vehicles aren't capable of all-electric propulsion.
PHEV + BEV	Plug-in electric vehicle	Any motor vehicle that can be recharged from an external source of electricity and the electricity stored in the rechargeable battery packs drives or contributes to drive the wheels (= PHEV + BEV).
PHEV	Plug-in hybrid electric vehicle	Combination of conventional hybrid electric vehicle (electric motor, internal combustion engine) & all-electric vehicle (plug to connect to the electrical grid).
BEV	Battery electric vehicle	Type of electric vehicle that uses energy stored in rechargeable battery packs for propulsion.
EAFO	European Alternative Fuel Observatory	The European Commission initiative to provide alternative fuels statistics and information (electricity, hydrogen, natural gas, LPG)
AER	All electric range	All-electric range (AER) is the driving range of a vehicle using only power from its electric battery pack to traverse a giving driving cycle. In the case of a battery electric vehicle, it means the total range per charge.
kWh	Kilowatt hour	The kilowatt hour (symbol kWh, kW·h or kW h) is a unit of energy equal to 3.6 mega joules. If energy is transmitted or used at a constant rate (power) over a

		period of time, the total energy in kilowatt hours is equal to the power in kilowatts multiplied by the time in hours.
NEDC	New European Driving Cycle	The New European Driving Cycle (NEDC) is a driving cycle, last updated in 1997, designed to assess the emission levels of car engines and fuel economy in passenger cars (which excludes light trucks and commercial vehicles).
V2G	Vehicle to Grid	Vehicle-to-grid (V2G) describes a system in which plug-in electric vehicles, such as battery electric vehicles (BEV), plug-in hybrids (PHEV) or hydrogen fuel cell electric vehicles (FCEV), communicate with the power grid to sell demand response services by either returning electricity to the grid or by throttling their charging rate.
ZEV	Zero Emission Vehicle	A zero-emissions vehicle, or ZEV, is a vehicle that emits no exhaust gas from the onboard source of power.
WLTP	Worldwide Harmonised Light Vehicles	Under conditions defined by EU law, the Worldwide Harmonized Light vehicle Test Procedure (WLTP) laboratory tests is used to measure fuel consumption and CO2 emissions from passenger cars, as well as their pollutant emissions.
Elli	Electric Life	Elli is a VW group company (energy provider) which will take care of all related charging solutions including Wallbox installation and maintenance.
SOC	State of Charge	State of charge (SOC) is the equivalent of a fuel gauge for the battery pack in a battery electric vehicle (BEV), hybrid vehicle (HV) or plug-in hybrid vehicle (PHEV). The units of SOC are percentage points (0%=empty; 100%=full).