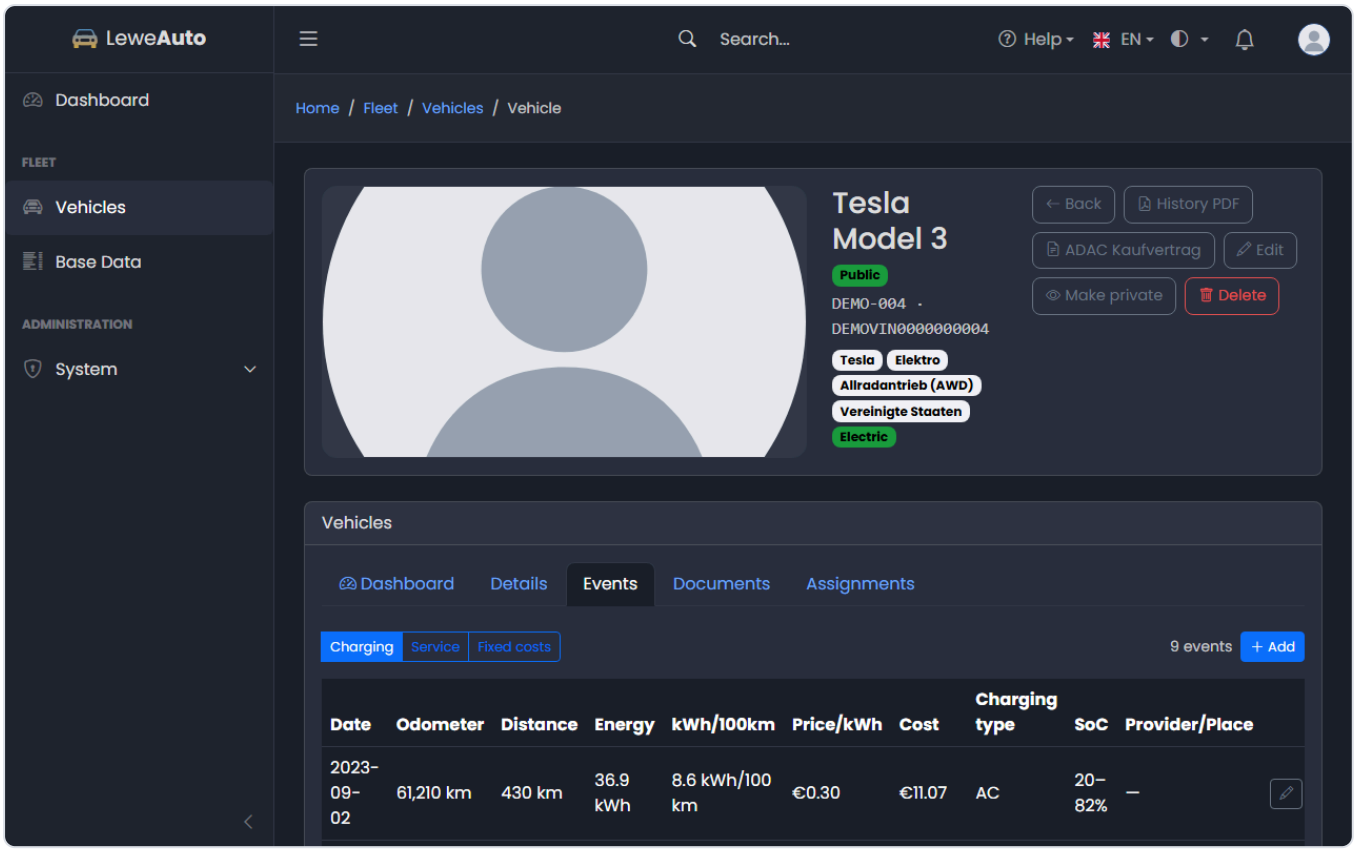
Charging Events

Record electric charging sessions on the **Events** → **Charging** tab of an electric or plug-in hybrid vehicle.



For a **plug-in hybrid**, choose an **Electricity** entry as the fuel type of the event. The PHEV fuel type itself cannot classify a session; the charging form only appears for electricity.

Fields

Field	Rule
Date	Required; date of the session
Odometer	Required; reading at the charger
Energy	Required; kWh taken from the charger, greater than zero
Energy into battery	Optional; kWh that reached the battery, not more than the energy
Cost	Required; total amount billed
Price per kWh	Calculated from cost and energy; read-only
Charging type	AC, DC or HPC
Charging power	Measured or reported power in kW
Charging duration	Minutes
State of charge at start	0-100 %
State of charge at end	0-100 %; not lower than the start value
Temperature	-50 to 60 °C
Provider	From the charging providers base data
Tariff	Optional; must belong to the selected provider
Location	Home, Work, Public AC, Public DC or Other
Connector	From the built-in connector list
Meter start / end	Optional meter readings in kWh
Idle fee / Parking fee	Optional non-negative amounts
Station	Optional name or place, at most 255 characters
Notes	Optional, at most 4000 characters

If you select a tariff without a provider, the provider is taken from the tariff. A tariff that belongs to a different provider is rejected.

Table

Column	Meaning
Date	Session date
Odometer	Reading in your distance unit
Distance	Distance since the previous charging event
Energy	Charged energy
kWh/100km	Electric consumption since the previous charging event
Price/kWh	Cost divided by energy
Cost	Total cost
Type	AC, DC or HPC
SoC	Start–end state of charge, for example `35-82%`
Provider/Place	Provider name or station

What the data feeds

- **Energy charged**, **charging cost**, **cost per kWh** and consumption on the dashboard
- **Home charging share**, **DC charging share**, **average charging power**, **average duration** and **average SoC gain**
- **Charging losses** when the energy into the battery is lower than the billed energy
- **Charging providers** table with energy, cost and cost per kWh
- **CO_2 from charging** when the grid intensity is configured

Fill in the state of charge and the energy into the battery when you can. Those values make the battery and loss statistics much more accurate. Use **Home** as the location for wallbox charging so the home charging share is meaningful.

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