

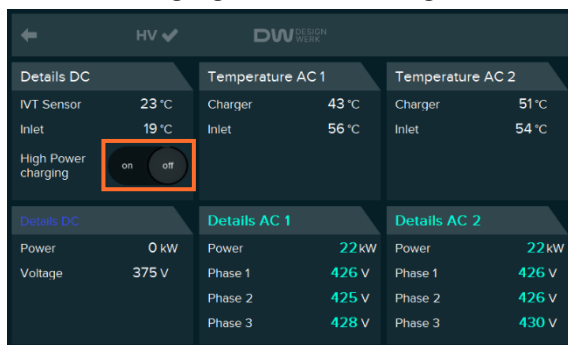
Instruction sheet Charging

E-Truck - V2.2

1 AC charging and DC charging with 400 V

AC charging	DC charging
Switch off the ignition and wait until the HMI (Designwerk display) has gone out.	Switch off the ignition and wait until the HMI (Designwerk display) has gone out.
Plug in the charging cable on the mains side first.	Insert the charging plug into the charging port.
Insert the charging plug into the charging port.	Authorise within 10 seconds (hold the charging card at the charging station or press the confirmation button).

2 DC charging with 800 V (High-Power charging)

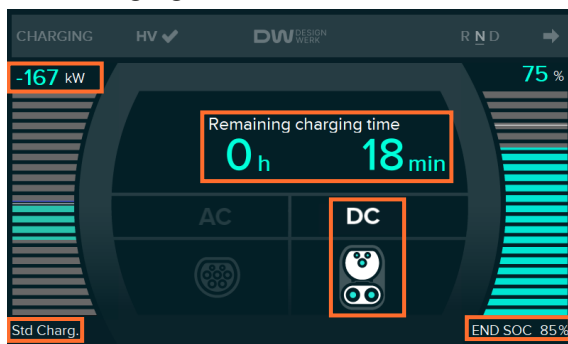


- Switch off the ignition (key position 0) and wait until the HMI has extinguished.
- Switch the ignition back on without switching on the HV (key position 2).
- Select the «Charging» menu on the HMI.
- Switch to the second page using the arrow at the top right.
- Activate the "High Power charging" function, see marking in the picture.
- Insert the charging plug into the charging port.
- Authorise within 10 seconds (hold the charging card at charging station or press the confirmation button).
- Switch off the ignition (key position 0) and remove the ignition key if necessary.



The High-power charging can also be set as the default in the owner settings.

3 Charging indicator on the HMI



- As soon as the vehicle is connected to a charging system, the display on the HMI automatically switches to the charging status graph. The charging plug used, the current charging mode, the charging power, the remaining charging time and the battery's end state of charge (END SoC) are displayed here, see markings in the picture.
- The display on the HMI can be switched from the charging status graph to the driving status graph and back again by tapping on the centre of the screen.
- For a description of the END SoC, see section 8.

4 Colours of the LED on the charging port during the charging process

Colour	Status	Meaning
Blue	shining	The vehicle has registered a charging station and starts to power up the system.
Green	flashing	The system is fully powered up, charging is in progress and the plug is locked.
Green	shining	The charging process has been completed successfully. The plug is locked.
Red	shining	The system is in error mode. Note the display on the HMI.
Red	flashing	The plug cannot be locked.

5 Unlocking the charging plug or cancelling the charging process via the radio key (only for Mid Cab (X) and High Cab)



- If the driver's door is already unlocked, press the unlock button (marked with an arrow in the picture) once.
 - While charging is in progress, the charging process is interrupted and the plug is unlocked.
 - When charging is complete, only the plug is unlocked.

If this does not work, follow the instructions in section 6.

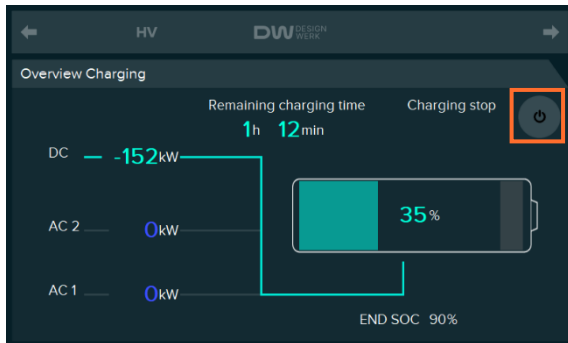
- Remove the charging cable.

- If the charging cable is not removed, the plug may be locked again.



If the charging process was interrupted by mistake, it must be completely restarted according to section 1 or section 2.

6 Unlocking the charging plug or cancelling the charging process via the HMI

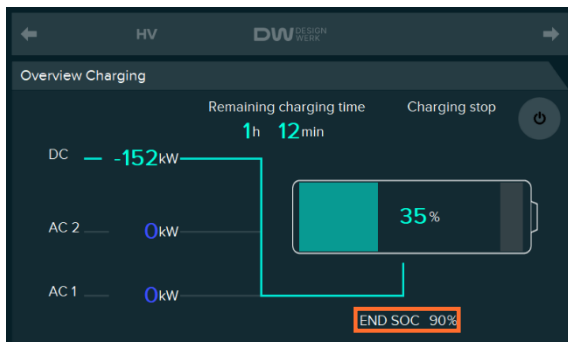


- Select the «Charging» menu on the HMI.
- Press the button «Charging stop», see marking in the picture.

7 Solving a charging problem

- Switch off the ignition.
- Remove the charging plug from the charging port.
- Wait until the HMI has completely shut down and the screen is black.
- Wait another 30 seconds for the vehicle control units to go into sleep mode.
- Restart the charging process.

8 Change the END SoC (State of charge) value temporarily



- Select the «Charging» menu on the HMI.
- Press END SoC, see marking in the picture.
- Enter the desired END SoC and confirm it.

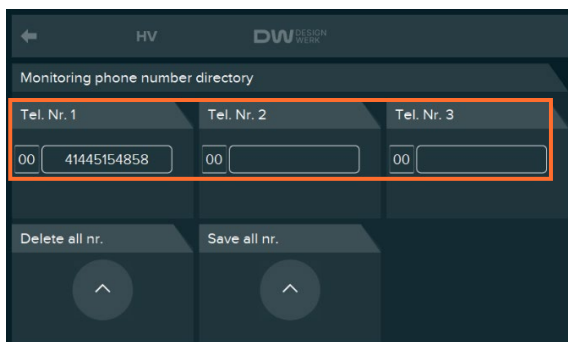


After a system restart the End SoC is reset to the default value of 90 %.



An End SoC above 90 % might have a negative effect on the battery life and limits the continuous braking.

9 SMS notification when charging is interrupted



- Select the «Settings» menu on the HMI.
- Switch to «Owner settings». This menu is protected by a password that Designwerk communicates to its customers.
- Switch to the second page using the arrow at the top right. Here, under "Monitoring phone number directory", three telephone numbers can be saved to which an SMS is sent in the event of a loading interruption, see marking in the picture.



Enter phone number without country code or "00" or "+".

- This option is not configured by default. To use it, it must be explicitly enabled by Designwerk. To do this, please contact Designwerk's Customer Service.