
Vehicle not charging at charging point

Topic number	LI54.10-P-059001
Version	1
Design group	54.10 Battery, voltage supply, voltage converter
Date	05-02-2014
Validity	451ev3 (smart electric drive 3rd generation) with 3.3 kW onboard charger
Reason for change	
Reason for block	

Complaint:

In very rare individual cases, charging of the vehicle is not initiated at "Plug and Charge" charging points.

The same fault profile can also occur when connecting with an internet-capable wall box.

In some cases the powerline gateway control unit (N83n1) is unresponsive in the quick test.

Cause:

During the data exchange with the infrastructure, a sporadic abort can occur (the charger hangs up).

The situation is currently under analysis and work on a remedy is in progress.

Remedy:

Charging is no longer possible after the charge has been aborted. A circuit 30 reset of the onboard charger (control unit N83) makes charging possible again.

To do this, disconnect the onboard charger (control unit N83) from the on-board electrical system supply (12V) for at least five minutes.

Replacing the onboard charger (control unit N83) is ineffective.

We will notify you as soon as a final solution is available.

If a circuit 30 reset is unsuccessful and the problem persists, create a PTSS case.

Symptoms
Overall vehicle / Power supply / Battery/On-board electrical system / Battery function / Battery cannot be charged
Communication/information / Communication / Internet/email / Internet function / No connection possible

Validity		
Vehicle	Engine	Transmission
451.390	*	*
451.392	*	*

451.490	*	*
451.492	*	*