

Technical Journal Title DC Charging Power Limited to 150 kW		Ref. No. TJ 37474.1.0	
Issuer (Dept.) Technical Service		Issue Date 8/21/25	Status Date 8/26/25
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3234	
Function Description Onboard charger, high voltage		Page Page 1 of 2	

DESCRIPTION:

If a customer reports that the DC charging power no longer exceeds 150 kW, please follow the advice under “Service”.

CSC Customer Symptom Codes

Code	Description
YZ	Plug-in charging/No/reduced/incorrect function/With external DC-cable

DTC Diagnostic Trouble Codes

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536	EH	E400V8					2024-9999		-	202317-999952
536	ER	E400V12					2024-9999		-	202317-999952
539	EH	E400V8					2024-9999		-	202317-999952
539	ER	E400V12					2024-9999		-	202317-999952

SERVICE:

Vehicles equipped with the large HBAT27 (82 kWh) battery are capable of DC charging at up to 205 kW, provided certain conditions are met—such as a low State of Charge (<20% SoC) and active battery preconditioning (by selecting a DC charger in Google Maps at least 20 minutes before arrival).

By mistake, all of these vehicles currently send information during Charging Session Initialization indicating that their maximum charging capability is 150 kW. For a long time, most DC chargers ignored this value, allowing charging to be controlled by the Battery Energy Control Module (BECM) and reach up to 205 kW.

Recently, however, the CCS technical standard for DC chargers has been updated to require strict compliance with the EV-reported Maximum Charging Power. As more chargers are updated to match the latest standard, the issue is becoming increasingly common—limiting charging to 150 kW instead of the 205 kW the vehicles are capable of under optimal conditions.

A software update is being prepared for those vehicles capable of charging up to 205 kW. This update will correct the Maximum Charging Power value transmitted to DC chargers.

Release of this software update is currently planned for 2025 Quarter 4.

Technical Journal 37474.1.0

Abbreviations:

DC - Direct Current

CCS - Combined Charging System (EV charging standard)

Warranty claim info:

No warranty claim is accepted for this TJ.

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use the concern area "Vehicle Report" and the sub-concern area "Support Not Needed", use function group 3234.