

Technical Journal

TITLE:

DC Charging Power Limited to 150 kW

REF NO: TJ 37475.2.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2025-09-04	STATUS DATE: 2025-09-23
FUNC GROUP: 3234	FUNC DESC: Onboard charger, high voltage	Page 1 of 2	

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

* Recipients adjusted

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
534	FD	E400V26					2024-9999		-	202317-999952
534	FE	E400V20					2024-9999		-	202317-999952
534	FG	E400V37					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).

Technical Journal 37475.2.0

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.

Abbreviations:

DC - Direct Current

CCS - Combined Charging System (EV charging standard)

PS2 - Polestar 2

Warranty claim info:

No warranty claim is accepted for this TJ.

LABOR TIME:

Labor time subject to change without notice.

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 Polestar" and the sub-concern area "Support Needed Polestar", use function group 3234.