
Porsche Mobile Charger Connect Diagnosis and utilizing the Web Application

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020 up to 2022	Y1A	N/A	N/A

Revision History

Revision	Release Date	Changes
0	October 13, 2020	Original document
1	October 13, 2021	Original document

Condition

Diagnostic information from the Porsche Mobile Charger Connect (PMCC) (I-Nr. NW2) can be used to assist with customer complaints pertaining to charging or the 12-volt vehicle electrical system battery, for example.

Technical Background

The PMCC control unit is equipped with various sensors and function monitors. Diagnostic information, event logs, and trouble codes (DTCs) can then be found through the Porsche Mobile Charger Connect Web Application accessible through local IP query or the PMCC Hotspot.

Service Information

This information currently applies to the Porsche Mobile Charger Connect (a.k.a. ICCPD High) provided with all new Taycans sold in USA & Canada to date. Refer to the information below in addition to the respective Manual for instructions, notices, and warnings.

Existing documentation for the PMCC and the PMCC Web Application:

- **Operating Manuals**
 - PMCC Installation Manual (9Y0.012.701-ROW)
 - PMCC Operating Manual (9Y0.012.003-ROW)
 - PMCC Web Application - Customer Service (MCC_CS 01-A)
 - PMCC Web Application - Home User (MCC_HU 01-A)
- www.porsche.com provides Video Tutorials in addition to the Operating Manuals listed above
- **PCSS**
 - WM, 998100 Troubleshooting Charging
- **PIWIS Tester III with Special Tool VAS 611 009**
 - Diagnostics --> External components --> Charging Cable
 - Guided Fault Finding --> Manual Vehicle and fault code selection --> External components --> Universal charging cable

Reading Diagnostic Trouble Codes (DTCs) from the Porsche Mobile Charger Connect (PMCC)

Hardware needed:

- PMCC Power Supply Cable (either 110V or 208-240V supply cable will work)
- PMCC "control unit" (the main charger unit)
- A PC or Smartphone

Accessing DTCs:

1. Plug in and turn on the PMCC
 - a. NOTE: If 'energy saver' mode is active on the PMCC, it will go to sleep and not be remote accessible after a few minutes. Recommend switching off 'energy saver' mode during diagnosis.
2. Use the charger controls to access Network Settings -> turn **WiFi On** and **Hotspot On**
 - a. Write down the PMCC Hotspot Name and IP address
3. Using a PC or Smartphone, search for available WiFi networks and connect to the PMCC Hotspot (Network: ICCPD-000*SERIALNUMBER*)

4. Open your internet browser (i.e. Chrome, Safari, Firefox) and go to 192.168.0.1
 - a. NOTE: When logging in via private or local IP address, a security warning may be shown on the browser. In the warning message in your browser, select Advanced then Add exception (or similar). The SSL certificate is confirmed and the web application opens
 - b. Afterwards, the following site will open (see Image 1)

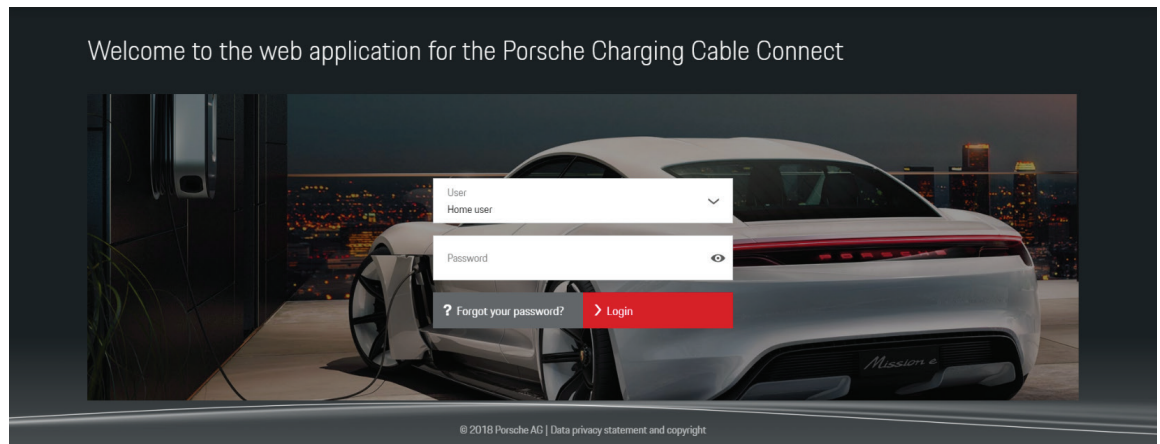


Image 1

5. Log into the PMCC as Customer Service
 - a. The passwords required to access the PMCC Web App as Home User or Customer Service can be found multiple ways:
 - i. Printed on the "Letter containing access data" included with new vehicle purchase or with a new PMCC purchased via Porsche Parts
 - ii. Via PCSS -> Vehicle -> Charging Products -> [PMCCSerialNumber] -> Additional Information

6. Save a record of DTCs from the Web Application
 - a. Go to **Settings -> Service** and scroll down to **Event log** (see Image 2)
 - b. Click the hyperlink for each DTC and create a Screenshot containing all DTC data (see Image 3)
 - i. This data can also be copied & pasted into a notepad or document to be saved & shared (just be sure to capture all DTC information)

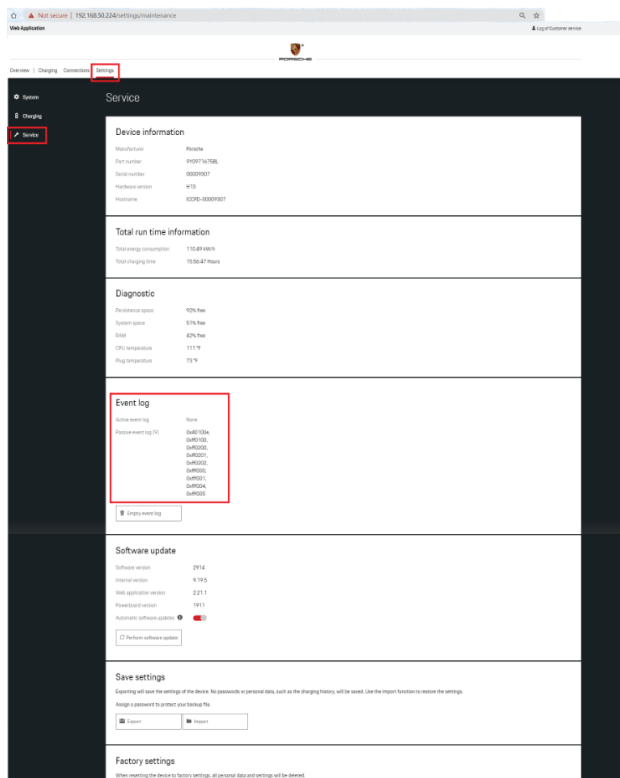


Image 2

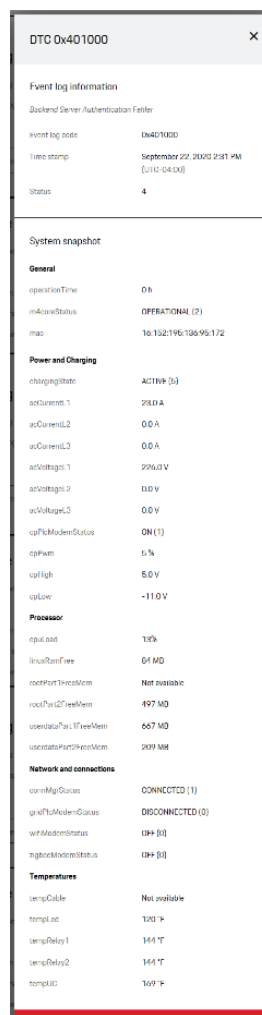


Image 3

Search Items

Y1A, Taycan, high-voltage battery, 12-volt battery, vehicle electrical system battery, storage, parking, maintainer

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