

AC Charging Hardware and Cable Temperature

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020 up to 2021	Y1ADB1, Y1AFC1, Y1AFH1	All	73E, 73C

Revision History

Revision	Release Date	Changes
0	August 31, 2020	Original document
1	September 25, 2020	Content update

Condition

Customer reports the car charger and/or its supply cable are hot to the touch.

Technical Background

The subject vehicles come standard with 9.6 kW supply equipment named Porsche Mobile Charger, Porsche Mobile Charger Plus, or Porsche Mobile Charger Connect (PMCC). Standard equipment includes a 40A supply cable with a NEMA 14-50 plug (4 prong, I-Nr. 73E). A 40A supply cable with NEMA 6-50 plug (3 prong, I-Nr 73C) can be selected as an option.

Both 40A supply cables are also available via Porsche parts channels under the following part numbers:

- 7PP971678ED – 40A Supply cable, NEMA 14-50 plug (4-prong)
- 7PP971678EC – 40A Supply cable, NEMA 6-50 plug (3-prong)

The supply equipment control unit is equipped with various temperature sensors and function monitors. If the device detects overheating, for example, then charging current can be automatically reduced for a period of time.

Service Information

- The surface of the charger and associated equipment can become very hot. Observe the operating instructions provided with the charger, particularly the warnings and safety instructions.
- The Porsche charging equipment described in this bulletin is certified with all applicable cables to UL 2594 standards.
- It is believed the device and its components are operating within specification. Nevertheless, Porsche AG is investigating customer concerns
- If the temperature of the supply cable is a concern, then it is possible to reduce the supplied current through the charger interface.
Refer to the chapter Charging Current Limiting in the applicable Operating Manual.
- In the event of overheating of the Porsche Mobile Charger Connect, the message "Limited service" may appear on the charger display. Additional information can then be found through the Porsche Mobile Charger Connect Web Application (accessible through local IP query or the charger Hotspot). Refer to the Porsche Mobile Charger Connect Operating Manual for instructions on how to access that information.

- **NOTICE:**

Errors exist in the label affixed to supply cables provided with vehicles produced before August, 2020, as well as cables currently available via normal parts channels.

Only one label variant exists and is affixed to all supply cables in USA and Canada (NEMA5-15, 6-/14-30, and 6-/14-50). Figure 1 shows the existing label with errors. Figure 2 shows the updated label.

The necessary recourse for labels with errors is being evaluated.

OLD

Voltage input 120-240V
Voltage output 120-240V
60Hz 16A
enclosure 3R Raintight
-30°C - +50°C
(-22°F - +122°F)

For use with Electric Vehicle
Ventilation not required
NEMA 6-x & 14-x: For indoor use only

12 inch (300 mm) cord length only for use in Mexico and portable devices in the US and Europe.
5 1/4 feet (1,6m) cord length only for use in Canada and movable devices in the US and Europe.

WARNING - To avoid a risk of fire or electric shock, do not use this device with an extension cord.
WARNING - Risk of explosion. This equipment has arcing or sparking parts that should not be exposed to flammable vapors.
This equipment should be located at least 24 inches (600mm) above the floor. WARNING - This device is intended only for charging vehicles not requiring ventilation during charging.
CAUTION - To reduce the risk of electric shock, connect only to properly grounded outlets.
CAUTION - Do not use this product if there is any damage to the unit.
CAUTION - Risk of electric shock. Do not attempt to open the enclosure. No user servicable parts inside. Refer servicing to qualified service personnel.

Figure 1

NEW

Voltage input 120/208-240V
Voltage output 120/208-240V
60Hz 15A/24A/40A enclosure
3R Raintight
-30°C - +50°C
(-22°F - +122°F)

For use with Electric Vehicle
Ventilation not required
NEMA 6-x & 14-x: For indoor use only

12 inch (300 mm) cord length only for use in Mexico, the US and Europe.
5 1/4 feet (1,6m) cord length only for use in Canada.

WARNING - To avoid a risk of fire or electric shock, do not use this device with an extension cord.
WARNING - Risk of explosion. This equipment has arcing or sparking parts that should not be exposed to flammable vapors. This equipment should be located at least 24 inches (600mm) above the floor. WARNING - This device is intended only for charging vehicles not requiring ventilation during charging.
CAUTION - To reduce the risk of electric shock, connect only to properly grounded outlets.
CAUTION - Do not use this product if there is any damage to the unit.
CAUTION - Risk of electric shock. Do not attempt to open the enclosure. No user servicable parts inside. Refer servicing to qualified service personnel.

Figure 2

Warranty

No warrantable work is described herein.

Where necessary, document customer complaint cases completely in PQIS.

Search Items

Y1A, Taycan, NEMA, NEMA 14-50, NEMA 6-50, Porsche Mobile Charger, Porsche Mobile Charger Connect, PMC, PMCC, ICCPD, EVSE, charging hardware, 40 amp

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