

Y1A - Adjust Charger to Minimum 8A When Using 120V System for Emergency Charging

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Taycan	As of 2020	Y1A, Y1B, Y1C	N/A	N/A

Revision History

Revision	Release Date	Changes
0	February 7, 2020	Original document
1	July 8, 2022	Content Update

Condition

The customer reports an inability to charge the Taycan using the provided charger with 120V. This information does not apply to Canada.

Technical Background

The Taycan requires a minimum 800W of charging power. The standard Mobile Charger Plus has a default current setting of 50%, and the optional Mobile Charger Connect has a variable current setting. Depending upon the input voltage to the charging hardware, the current setting can result in insufficient charging power for the Taycan.

For example, charging with the 120V supply and 6A current setting provides a maximum 660W of charging power - insufficient to charge the vehicle.

The customer must adjust the current setting.

Service Information

The customer must adjust the maximum current setting on the charging hardware to provide at least 800W of charging power.

With the 120V supply cable connected for emergency charging, a Mobile Charger Plus must be set to 100% and a Mobile Charger Connect must be set to a maximum current of at least 8A. This minimum setting is not explicitly required if the customer charges using a 208/240V supply cable.

Refer to the respective charging hardware operating manual for instructions on changing the charging power.

General Precautions on 120V Supply Cable Use

The "domestic" 120V supply cable is provided for emergency use only, and **should not be used by customers for daily home charging**. Please discuss installation and use of a suitable 208/240V circuit with all customers.

When used, it is recommended to limit 120V charging to a maximum of approximately 12 hours. Charge only to the minimum State of Charge (SOC, %) needed get to a nearby High-Power Charger (HPC) or DC Charger for recharging.

Search Items

charger, home charging, cable, cord, low power

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