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**Title:** Amending Title 14 of The Philadelphia Code, entitled "Zoning and Planning" by revising provisions for electric vehicle parking and electrical supply requirements and making technical changes, all under certain terms and conditions.

**Sponsors:** Councilmember Ahmad, Councilmember Phillips, Councilmember Squilla

**Indexes:** ELECTRIC VEHICLE CHARGERS, ELECTRIC VEHICLE PARKING

**Code sections:** Title 14 - ZONING AND PLANNING

**Attachments:** 1. Bill No. 24106400

Date	Ver.	Action By	Action	Result	Tally
11/14/2024	0	CITY COUNCIL	Introduced and Referred		

Amending Title 14 of The Philadelphia Code, entitled "Zoning and Planning" by revising provisions for electric vehicle parking and electrical supply requirements and making technical changes, all under certain terms and conditions.

*THE COUNCIL OF THE CITY OF PHILADELPHIA HEREBY ORDAINS:*

SECTION 1. Title 14 of The Philadelphia Code is hereby amended to read as follows:

TITLE 14. ZONING AND PLANNING

\* \* \*

CHAPTER 14-200. DEFINITIONS

\* \* \*

§ 14-203. Definitions

\* \* \*

(108.1) *Electric Vehicle.*

*A vehicle for on-road use primarily powered by an electric motor that draws current from an onboard battery charged through a building electrical service, electric vehicle supply equipment, or another source of electric current.*

(108.2) *Electric Vehicle Parking Space, Installed.*

*A designated parking space which is provided with at least a Level 2 installed Electric Vehicle Supply Equipment, regardless of whether motor vehicles in the space may be parked or kept for a charge, fee, or other consideration.*

*(108.3) Electric Vehicle Parking Space, Ready.*

*A designated parking space which is provided with a dedicated branch circuit that is not less than 40-ampere and 208/240-volt assigned for electric vehicle supply equipment terminating in a receptacle or junction box located in close proximity to the proposed location of the EV parking space.*

*(108.4) Electric Vehicle Supply Equipment.*

*The apparatus installed specifically to transfer energy between the premises wiring and the Electric Vehicle. The charging levels include the following specifications:*

*(a) Level 1.*

*Operates on a 15-to-20-ampere breaker on a single phase 120-volt AC branch circuit. Approved Level 1 connectors include standard 120V grounded outlets (NEMA 5-15, 5-20, or 5-30) and SAE J1772.*

*(b) Level 2.*

*Operates on a 40-to-50-ampere breaker on a single-phase 208/240-volt AC circuit. Approved Level 2 connectors include an SAE J1772 EV plug.*

*(c) Level 3 (DCFC).*

*Operates on a 100 ampere or higher breaker on a 480-volt three-phase AC with special grounding equipment. Approved DCFC connectors include the CHAdeMO and SAE Combo (also called CCS for “Combo Charging System”).*

*(108.5) Embellishment.*

*Any area of an advertising design that extends at an angle from the parallel plane of view of any two-dimensional sign.*

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*(113.1) EV.*

*See § 14-203(108.1) (Electric Vehicle).*

*(113.2) EV Charger.*

*See § 14-203(108.4) (Electric Vehicle Supply Equipment).*

*(113.3) Event Assembly Facility.*

*See § 14-601(7)(c)(.3) (Event Assembly Facility).*

*(113.4) EV Installed.*

See § 14-203(108.2) (Electric Vehicle Parking Space, Installed).

(113.5) EV Ready.

See § 14-203(108.3) (Electric Vehicle Parking Space, Ready).

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CHAPTER 14-800. PARKING AND LOADING

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§ 14-803. Motor Vehicle Parking Standards

\* \* \*

(6) Electric Vehicle [Supply Wiring.] *Parking Standards.*

(a) *Required Electric Vehicle Parking Spaces*

For the purpose of providing for the charging of electric vehicles, [as defined in Section 12-1131 (Electric Vehicle Parking),] any development, [as defined in § 14-203(94), that contains a residential use and is] providing 10 [20] or more parking spaces [in connection with the development] shall provide Electric Vehicle Parking Spaces in accordance *with any one of the options set forth in Table 14-803-3.* [An electric vehicle parking space is a parking space provided with one or more branch circuits capable of supplying electric vehicle supply equipment at such space rated at 208/240 V 40 amperes.]

(.1) For purposes of this subsection (6) and Table 14-803-3  
<[https://codelibrary.amlegal.com/codes/philadelphia/latest/philadelphia\\_pa/0-0-0-](https://codelibrary.amlegal.com/codes/philadelphia/latest/philadelphia_pa/0-0-0-)  
*and shall be calculated as set forth in Section 14-202(12.1).*

(.2) *For purposes of calculating the number of parking spaces required for Option A of Table 14-803-3, EV Installed parking spaces shall be counted toward the minimum number of EV Ready parking spaces.*

Table 14-803-3: Electric Vehicle Parking Spaces

Number of Parking Spaces Provided	Minimum Number of Electric Vehicle Parking Spaces
20 - 29	1
30 - 39	2
40 - 49	3
50 - 99	4
100 and above	5% of the total parking spaces provided

	<i>Minimum Number of Electric Vehicle Parking Spaces, Ready</i>	<i>Minimum Number of Electric Vehicle Parking Spaces, Installed</i>
<i>Option A</i>	<i>40% of the total parking spaces provided</i>	<i>10% of the total parking spaces provided</i>
<i>Option B</i>	<i>N/A</i>	<i>20% of the total parking spaces provided</i>
<i>Option C</i>	<i>N/A</i>	<i>5% of the total parking spaces provided. Must be Level 3/DCFC EV Chargers. 75% of the provided EV Installed spaces must be available for public use.</i>

(b) *Electric Vehicle Supply Equipment Signage Standards.*

*Non-accessory signs on Electric Vehicle Supply Equipment are permitted as set forth below:*

*(.1) Non-accessory signs shall conform to the provisions of Section 14-903(2);*

*(.2) There shall be a limit of one non-accessory sign per EV Charger, which shall have a maximum of one sign face;*

*(.3) Signs with animated and non-animated illumination may not be operated between the hours of 12:01 a.m. and 6:00 a.m.;*

*(.4) Primary illumination of the screens shall be internal and use ambient light sensors to automatically reduce the intensity of the illumination during periods of darkness; and*

*(.6) All signs must comply with applicable Pennsylvania Department of Transportation regulations.*

\* \* \*

CHAPTER 14-900. SIGNS

\* \* \*

§ 14-903. When a Permit is Required

\* \* \*

(2) Zoning Permit Not Required; Code Conformance Required.

\* \* \*

(f) The placement of any video or digital display with a screen area of less than one sq. ft. on a permitted primary structure, accessory structure, or piece of equipment and designed to be viewed only by an individual obtaining services or goods at that location. This includes digital or video screens on fuel pumps, car washes, *Electric Vehicle Supply Equipment*, and air filling stations.

SECTION 2. This Ordinance shall take effect six months after being adopted into law.

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**Explanation:**

*Italics* indicate new matter added.

[Brackets] indicate matter deleted.