

DC Fast Station Specifications

Volta provides turn-key Electric Vehicle charging services for premium retail and entertainment destinations.

DC FAST CHARGING STATION

Charger Electrical Requirements:

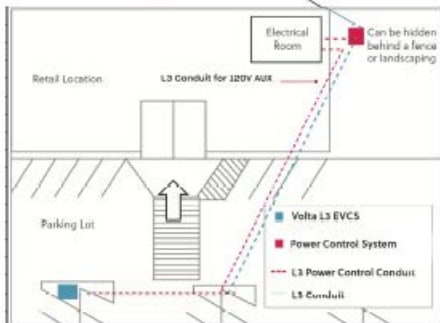
- Output Power: 50 kW max
- Voltage Range: 50-500 VDC
- Amperage: 125A
- 4G/LTE/5G or LAN access required

Auxiliary Components Electrical Requirements:

- 20A/1P, 120V Breaker

Installation Requirements

- Approx. Foundation size: 48" W x 36" L x 30" D



Power Control System (PCS)

- Size: 82" H x 42" W x 35" D
- Weight: 1900 lbs
- Range: 1350-1900 lbs

Powers up to 2 stations. Converts grid AC power into DC power for vehicle charging. Can be hidden behind a fence or landscaping.

Electrical Requirements

- 90A/3P, 480V Breaker for 1 station
- 175A/3P, 480V Breaker for 2 stations
- 4G/LTE/5G or LAN access required

Installation Requirements

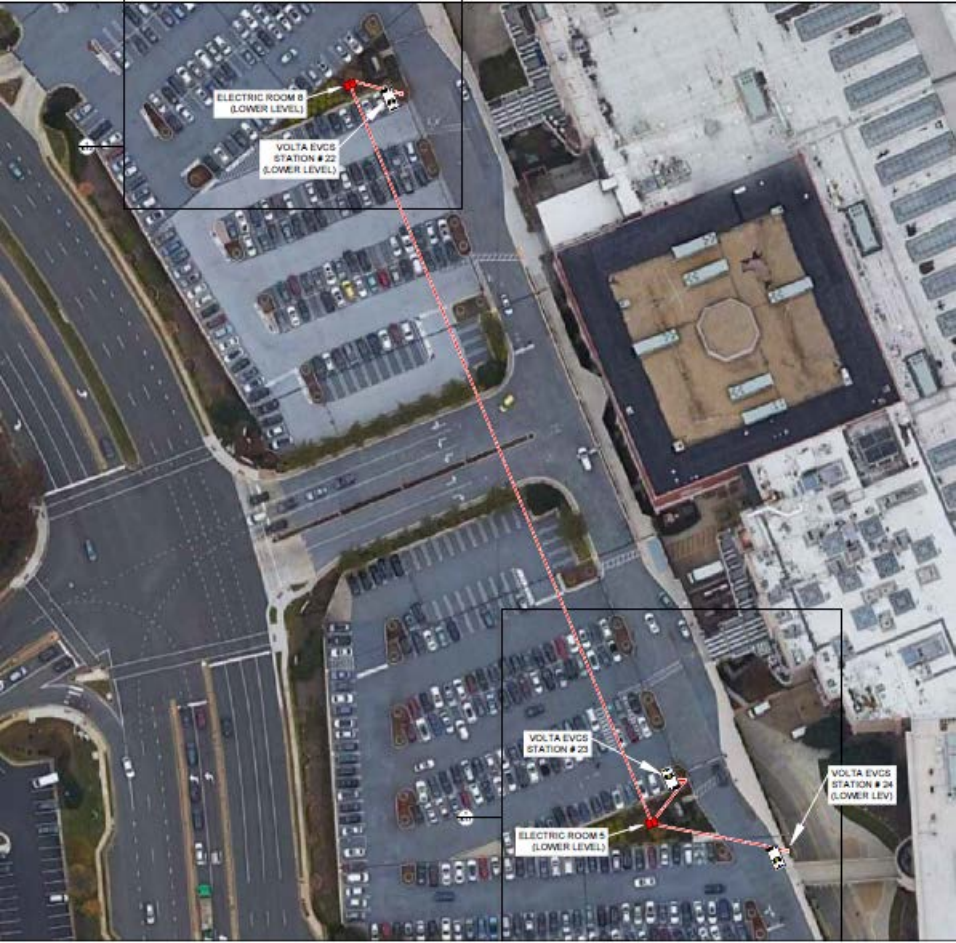
- 480V
- PCS Clearance Requirement: 82" H x 92" W x 75.1" D
- PCS with Fencing Clearance: 120" W x 108" D

Conduit Diameter

- Contact engpm@voltacharging.com for more info

Listings

- UL® 2202, 2231, 50E



ELECTRIC ROOM B
(LOWER LEVEL)

VOLTA EVCS
STATION # 22
(LOWER LEVEL)

VOLTA EVCS
STATION # 22

ELECTRIC ROOM B
(LOWER LEVEL)

VOLTA EVCS
STATION # 24
(LOWER LEVEL)



PROTECT COLUMNS AND
PLANTER FROM DAMAGE
DURING CONSTRUCTION

STATION SHOWN FOR
REFERENCE ONLY, NOT
LOCATION OR ORIENTATION



811

Know what's below.
CALL before you dig.

DIG ALERT

CALL AT LEAST TWO WORKING
DAYS BEFORE YOU DIG

(3) CONDUITS RUN
OVERHEAD IN
PARKING GARAGE
APPR. 70'

ELECTRIC ROOM 8

EVCS
STATION # 22

3-1/2" CONDUIT RUN
OVERHEAD IN PARKING
GARAGE FROM ELECTRIC
ROOM 5 TO ELECTRIC ROOM 8
APPR 600'

3-1/2" CONDUIT RUN
OVERHEAD IN PARKING
GARAGE FROM ELECTRIC
ROOM 5 TO ELECTRIC ROOM 8
APPR 600'

EVCS STATION # 23
(UPPER LEVEL)

(3) CONDUITS RUN OVERHEAD
IN PARKING GARAGE
APPR. 130'

ELECTRIC ROOM 5
STORAGE ROOM

EVCS STATION # 24

2
C-3.2

