

Electric Vehicle Charging Stations

Requirements:

1. Stand Alone (Pedestal)

Wall mount is not acceptable.

2. Multiple Voltage (120 = Level 1 and 240= Level 2)
 - a. Easy upgrade from 120 to 240
 - b. Both voltages available at the same time

We need to be able to service the current electric vehicles (golf carts) and full electric vehicles as well as be able to change the mix of vehicles as the popularity of full size electric vehicles changes.

3. Several payment options

We need the ability to accept credit cards, debit cards and, cash.

4. Vandal resistant

Mount on concrete post.

5. Optional remote control and reporting

The following manufacturers have stations that meet all or most of the requirements:

LEVITON Car Charger Station, Level 1 and 2



Grainger Item #	12Y158
Price (ea.)	\$8,181.00
Brand	LEVITON
Mfr. Model #	CTHCR-S
UNSPSC #	26111704
Sell Qty. (Will-Call)	1
Ship Weight (lbs.)	14.6

Shorepower EV Charging Stations



\$3,400.00

List Price:

\$3,000.00

Our Price:

\$400.00 (11.76%)

You Save:

Standard Features

- Four (4) Level 1 outlets– standard 120 volt, 20 amp outlets (NEMA 5-20R)
- Fully upgradeable to future Level 2, SAE J1772 standards, with corded connector
- Backlit outlets for nighttime visibility
- Weather resistant
- Stainless steel construction for high durability
- Free Standing 87" tall x 18" wide x 10.5" deep -- Wall Charger 20" tall x 16" wide x 9" deep
- Approximately 100 pounds -- Wall Charger 40 pounds

Optional Features

- Energy and time use monitor
- Remote on and off control
- Payment & control system
- Automatic evening globe illumination

Site Considerations

- The following should be taken into consideration when placing a charging station:
- Safe and easy access for users
- Prominent location or ability to place signage to direct user to charging station location
- Close proximity to existing panel with enough capacity for the charging station
- 208 or 240 volt 60 amp service (100 amp needed for future upgrade)
- For utility metering, contact your local utility
- Non-utility grade metering can be provided with any unit