

Recharging EVs

Level 1 Charging

- Alternating Current, 120V
- Portable and designed to be plugged into a wall outlet
- To charge a medium size car– up to 24 hours

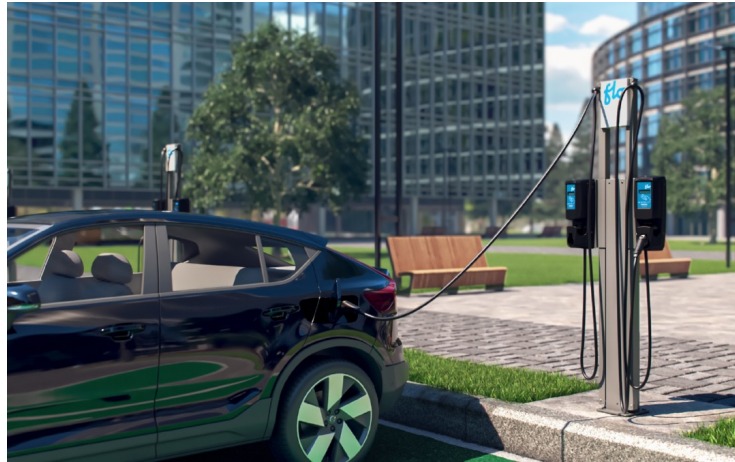
Level 2 Charging

- Alternating Current, 240V
- Hard-wired – dedicated charging station (public parking, parking garages, workplaces or residential)
- To charge a medium sized car - 2-6 hours

Level 3 Charging

- Direct Current (DCFC), 480V – 1,000V
- Typically located along major highways at conventional gas stations, restaurants, public garages, workplace parking lots
- To charge a medium sized car – around an hour

Level 1, 2 and 3 Recharging Options and E-Stops



NFPA 855 & 30a



EV Resources & Training

EV Safety for the First Responder

New, No-Cost Online Training



E-Stops for EV Recharging Stations

Podcast with Chris Green, Seattle FD (Retired)



EV-Energy Storage

Current Practices & Resources

