

EV CHARGER INSTALLATIONS



- BESS DESIGN, INSTALLATION, MANUFACTURING
- TURNKEY EV CHARGER INSTALLATION
- BONDED AND INSURED
- SAFETY CERTIFIED: AVETTA, ABBOTSFIELD, TVTC QA, TAPPISAFE and COGNIBOX
- FULLY COMPLIANT TO NEC AND
- REGISTERED DRUG-FREE WORKPLACE
- VENDOR AGNOSTIC
- DEPENDABLE

INSTALLATIONS

MAINTENANCE

UPGRADES

REPAIRS



AC & DC Power Technologies LLC.

After Hours Emergency Response: 1-877-838-9373

www.acdcpowertechnologies.com

3505 Naturally Fresh Blvd, Suite 360 Atlanta, GA. 30349

Phone: [404-361-3788](tel:404-361-3788) Fax: [404-361-3791](tel:404-361-3791)

Contact Us:



EV CHARGER INSTALLATIONS

Recharge Time is *everything*



LEVEL 1:

SLOWEST – Best for residential overnight charging. A full charge can take as long as 12 to 35 hours. Typically powered from a single 20 Amp 110 or 120/240 VAC household single phase circuit .



LEVEL 2:

MEDIUM SPEED- Typically provides a 20-25 mile range within a 1 hour recharge. A full charge is typically a 10 hour recharge time. These are usually powered from a 240 VAC 1-phase circuit.



LEVEL 3:

QUICKEST- Typically charge to 80% capacity in less than 30 minutes. LEVEL 3 Models vary from 90 to 140 kW and require 3-phase power.



AC & DC Power Technologies Specialty

INFRASTRUCTURE BUILDOUT

- Permitting
- Site Development
- Electrical Buildout
- Commissioning



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Charging time (minutes)

	LEVEL 1	LEVEL 2	120 kW LEVEL 3		180 kW LEVEL 3		
			2 EVs	1 EV	2 EVs	1 EV	
Car	60 kWh BEV 400 VDC	50	25	40	20	25	13
	90 kWh BEV 400 VDC	70	40	60	30	40	20
	100 kWh BEV 800 VDC	80	45	65	33	45	22
Bus/Truck	120 kWh BEV School Bus 400 VDC	95	53	80	40	55	26
	150 kWh BEV Delivery Van 800 VDC	120	65	100	50	65	33
	200 kWh BEV Work Truck 800 VDC	160	88	133	66	88	44
	300 kWh BEV 60' Transit Bus 800 VDC	240	130	200	100	130	66

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