



The Advanced Vehicle Research Center (AVRC) is a Service-disabled Veteran-Owned Small Business (SDVOSB) full service source for vehicle electrification infrastructure needs. AVRC was established over ten years ago to service the rapidly growing automotive testing industry. AVRC has built a very solid reputation in the field of alternative fuel vehicles, especially testing and engineering in electric and hybrid vehicles. The facility also has an adjacent 65 acre (expandable to 200) Military Off-Road Testing Site (MORTS) developed to accommodate off-road manufacturers.

GSA CONTRACT NUMBER : GS-30F-0021W - CORPORATE NAME for online GSA SEARCHES is TGI-USA
SERVICES AVAILABLE : Strategic Planning, Master Planning for Electrification, Engineering, Development & Design

PRODUCTS NOW AVAILABLE



COULOMB CHARGING STATIONS
Efficiently charge electric vehicles (EVs) and Plug-in Electric Vehicles (PHEVs) at home, or on base. Charging stations are easy to use and come in a variety of power and design options. The CT 2000 Series with Gateway 240V-32A Pole mount smartlet is displayed to the far right and to its left is the CT500 wall mount series, a 240 VAC 30A station.



THE TRANSPORT PRO
A 100% electric side-by-side 4 passenger utility terrain vehicle featuring a proprietary battery management system. It can travel at speeds up to 25 MPH and offers a range of ~75 miles on a single charge.



OFF-ROAD PRO
When the need is for going off-road, feel the power and control of the newest and most powerful electric ATV available today. Capable of speeds of 45 MPH and a range of ~ 75 miles on a single charge.



XTREME GREEN SENTINEL
Electric police mobility vehicle (PMV) reliable and efficient urban neighborhood and downtown patrol. Speeds approaching 29 MPH with a range of up to 80 miles per charge.

PRODUCTS SOON TO BE AVAILABLE



GRIDBOT

Pictured to the left is a UP100J GRIDbot station. GRIDbot Electric Vehicle Charging Stations are designed to deliver the best user experience for the EV driver. They are sturdy, vandal resistant weather proof pedestals that can withstand the harshest environments. Electrical load control is built into each charging port with control over the network.

The maximum amperage draw of vehicle charging can be adjusted at any time during charging, or preset to avoid charging during peak times. Other features include:

- Fleet and vending interfaces with variable pricing settings
- Captures charging data and monitors local grid health
- Unique instant-access mode with network security options
- Remotely upgradeable interface and firmware
- Station housings pre-installed for EV ready programs
- Level 1 (NEMA 5-20 outlet) and Level 2 charging options



CHANGE NEV

Designed from a clean concept rather than a modification of a pre-existing platform. With speeds of up to 25 mph it was built to provide maximum safety and comfort: equipped with steel cage passenger compartment, disc brakes front and drums in the rear, this is a year-round usable NEV, with air conditioning, heated seats, power windows, AM/FM stereo with MP3 CDP Audio and USB connection. Charge time is 6-7 hours and range is ~50 miles per charge.