







A severe-duty vehicle success story 75 years in the making, Battle Motors is a new nameplate to many, but we are no newcomer to the industry. Indeed, we are building upon decades of design and engineering knowhow, thanks to the manufacturing legacy of our predecessor, Crane Carrier Company. Today, we are forging a new road ahead in the vocational truck industry, producing work-ready diesel, compressed natural gas (CNG) and now a fully electric chassis designed and manufactured in America's heartland.

Purpose-built for the toughest jobs, if you need battle-tested trucks for fleets of any size, we have got two words for you: Bring It. That is because our durable, dependable trucks are built to excel in a multitude of environments and applications including refuse, recycling, construction, utility and now middle-mile and last-mile delivery.

In the electric vehicle category, Battle Motors is leading the charge with an unrivaled powertrain (and charging solutions) designed in conjunction with world-class US partners. Keeping your operations in the front seat when it comes to the latest in-cab technologies, all our trucks now feature our Smart Cab platform. This pairs our proprietary software system, RevolutionOS™, with factory-installed, ruggedized digital instrument clusters that deliver actionable data and information to drivers and fleet managers to enhance safety, efficiency and security.



Our ambitious vision is already in overdrive, with more than 750 municipal customers through 180 dealers in over 320 locations across the United States and Canada. Our state-of-the-art. 325,000-square-foot manufacturing facility gives us a clear runway to scale-up and transform our customers' operations—through the deployment of fully electric trucks designed to deliver unparalleled comfort, safety, visibility and reliability paired with lower maintenance costs, reduced noise and zero carbon emissions.

At Battle Motors, we are ready to roll into the future. We hope you can join us for the ride.









## LET II LOW ENTRY TILT II



### ELECTRIC

The fully electric Battle LET II is a force of quality engineering built to last, while delivering zero emissions, zero fuel costs, and lower maintenance costs. Good for our planet and good for your business, our electric LET II lowers your total cost of ownership while reducing your environmental footprint.



The Battle Motors Smart Cab integrates our custom RevolutionOS™ and MobilEye's Shield+ Advanced Driver Assistance Systems (ADAS) to encourage safe driving and increase your bottom line. RevolutionOS™ effortlessly provides easyto-read actionable data, diagnostics, equipment utilization, and access to service manuals at the touch of a button.



Standard LED projection headlamps



True low entry 18" step-in height on both sides



Remote mounted battery pack options in 240 kWh and 400 kWh



Large, flat, glass windshield; simple to replace and cost effective compared to complex, curved glass

CLASS	7 and 8	
GVWR	33,000 - 72,000 lbs	
HORSEPOWER	310 - 500 hp	
TORQUE	3,500 - 6,700 lb-ft	
RANGE	Up To Highway: 130 miles	
SPEED	70+ mph	7
BATTERY PACK	240 kWh and 400 kWh	A
RECHARGE	80% in 180 minutes	
MOTOR	BorgWarner Cascadia Motion	-
TRANSMISSION	2 Speed Powershift	
CAB WIDTH	94 inches	U
STEERING	LH, RH, or Dual	
SEATS	2 or 4	

Standard, Bi-Fold, or Flip

AVAILABLE IN DIESEL, CNG, AND ELECTRIC

**DOORS** 









## **OUR CHARGING PARTNER**

## **\*POSITIVENERGY**

#### CHARGING STATION

#### 2-4 hour charge times vs. 12+ hour charge times with slow charging

Option to add up to five dispensers per PCS to enable sequential charging of the trucks. Charging technology is vehicle-to-grid (V2G) capable which enables future energy cost savings and ensures power resiliency at the site.



#### **Hardware & Software**

- Level 2 AC slow chargers (9.6kW-19.2kW)
- Level 3 DC fast chargers (50kW-175kW+)

#### **Charging Services**

- Site and facility consultations
- Facility infrastructure upgrades
- Installation
- Operations & maintenance
- Incentives management

## **\*POSITIVENERGY**

Q: How much do the chargers cost?

A: Specific prices are listed in the Battle Motors order guide. Level 3 prices are in the \$50-\$100K range.

Q: How much does it cost to install the chargers?

A: Installation costs for fast chargers vary by site but can be anywhere from \$20K to \$100K. In many markets, from 50% up to 100% of installation costs can be covered through various incentive programs.

Q: Why would I install a fast charger?

A: Level 3 fast chargers provide the convenience and flexibility of shorter charging times (2-4 hours versus 12+ hours of overnight charging with a Level 2 charger).

Q: What are charger lead times?

A: 16-18 weeks

Q: How many and what kinds of chargers do we need?

A: This will depend on the number of trucks that are ordered as well as the desired charge schedule. PositivEnergy will propose a charging solution after an initial consultation.

Q: How long will it take for these chargers to charge my truck?

A: ~2 hours with the 125kW charger, ~4 hours with a 60kW charger, ~12 hours with a 19.2kW charger

Q: What kind of mileage can I get from these chargers?

A: Up to 10 miles of driving distance per hour of charging with the 19.2kW, up to 25 miles with the 60kW, and up to 56 miles with the 125kW

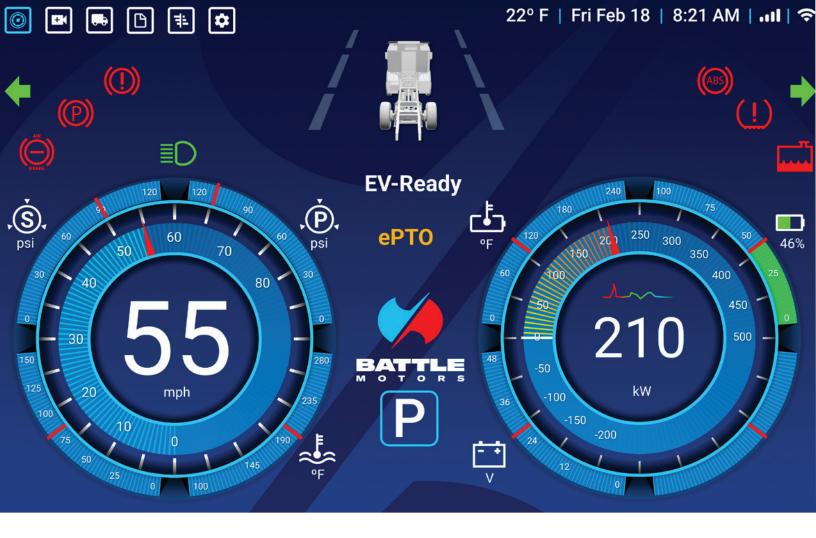


Dispenser Power Conversion System (PCS)









# Revolution OS MADVANCED TECHNOLOGY

#### FACTORY INSTALLED

Battle Motors has developed a software platform and operating system named Revolution ○S™ (RevOS™). Revolution ○S™ fuses analytics with operations to smartly operate the vehicle and delivers RICH DECISION-MAKING DATA. The focus is on driving business-unit focused outcomes whether they be maintenance, safety (ADAS), efficiency and/or compliance. Real and actionable data is presented to the driver and fleet manager.

#### Two main parts:

Server – The brains behind the system that collects data from all the trucks in the Battle fleet. We are collecting over 2,000 messages per second from each truck.

**Digital Instrument Cluster** – User-level software that sits in the truck, offering actionable data for the operators.





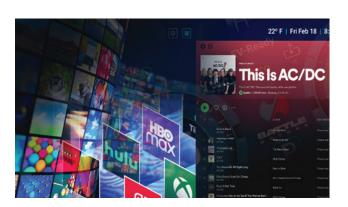
#### **Featuring Over-the-Air Updates**

- Uses state-of-the-art security practices
- Unique cryptographic digital signatures per truck
- Passes down new VCU images
- Updates VCU on off times while truck is not running
- Improves and customizes EV optimization and add features
- Troubleshoots/repairs issues within the system
- Learns from the fleet to provide optimizations

#### **Built-In Feature:**

- Over the Air updates (OTA) Revolution OS™
- Over the Air updates (OTA) VCU
- REST API 3rd part
- SSO (Single Sign On)
- Role-based web UI
- Location data in historic
- Location data in real time
- Compliance and traceability who, what, when and where
- Range data to show the Battle Electric truck can meet your route demands















Sophisticated engineering, best-in-class features, and attention to detail are nothing new for Battle Motors. Built upon Crane Carrier Company's 75-year legacy of continuous improvement and quality that is built to last, Battle Motors trucks are the toughest trucks on the road today.

With over 320 dealer and service locations across North America and Canada, as well as direct access to parts, support, and factory-trained technicians, Battle has your back.











www.battlemotors.com