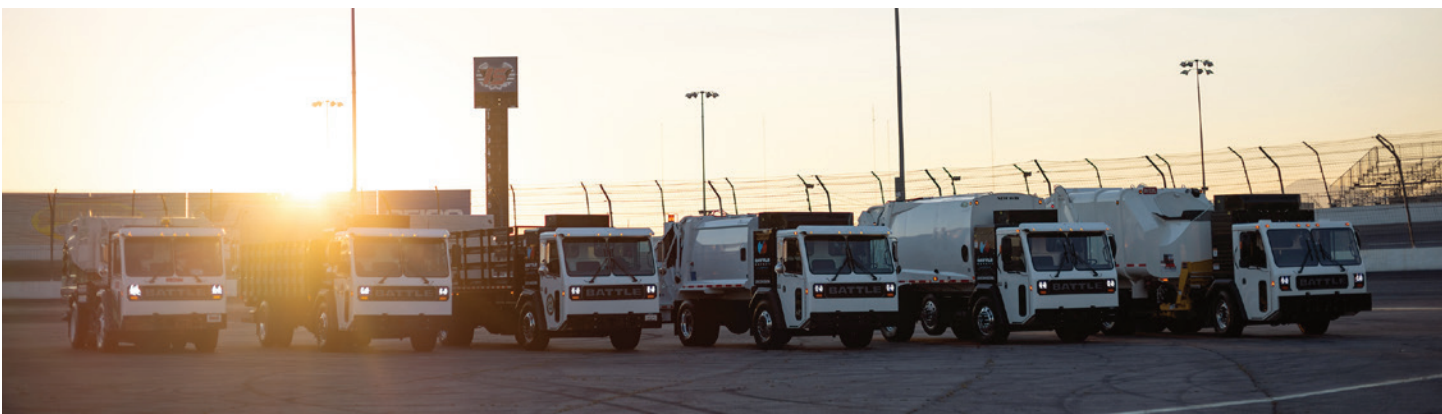




**BATTLE**  
M O T O R S



**PRODUCT CATALOG**





**B**attle Motors, a name that might seem new to some, is deeply rooted in the rich heritage of its forerunner, Crane Carrier Company. This legacy brand has been synonymous with outstanding design and engineering expertise in the severe-duty vehicle industry for generations. Today, Battle Motors is charting a bold new course in the vocational truck market, offering a range of work-ready vehicles including diesel, compressed natural gas (CNG), and innovative fully electric chassis, all proudly designed and manufactured in the heart of America.

Our trucks, purpose-built for the most demanding jobs, are ideal for fleets of any size across various sectors like refuse, recycling, construction, utility, and now, middle-mile and last-mile delivery. When it comes to resilience and reliability, our message is clear: Bring It.

In the electric vehicle segment, Battle Motors is at the forefront, boasting a peerless powertrain and charging solutions, developed in partnership with leading U.S. companies. Our trucks now feature the Smart Cab platform, integrating our exclusive rEvolutionOS™ with robust, factory-installed digital instrument clusters. This technology provides critical data and insights to drivers and fleet managers, enhancing safety, efficiency, and security.



Our vision is rapidly becoming a reality, with over 750 municipal customers and a network spanning 180 dealers in more than 150 locations across the United States and Canada. Our advanced 325,000-square-foot manufacturing facility positions us to scale up and revolutionize our customers' operations. We're leading the shift to fully electric trucks that offer unmatched comfort, safety, and visibility, alongside reduced maintenance costs, lower noise levels, and zero carbon emissions.

At Battle Motors, we're geared up for the future and invite you to join us on this exciting journey.



# LET2

## LOW ENTRY TILT 2

### ELECTRIC



<b>CLASS</b>	7 and 8
<b>GVWR</b>	33,000 - 72,000 lbs
<b>HORSEPOWER</b>	Up to 570 hp
<b>TORQUE</b>	1,165-1,991 lb-ft
<b>RANGE</b>	Up to 225 miles
<b>SPEED</b>	70+ mph
<b>BATTERY PACK</b>	240-400 kWh
<b>RECHARGE</b>	80% in 180 minutes
<b>MOTOR</b>	BorgWarner Cascadia Motion
<b>TRANSMISSION</b>	2 Speed Powershift
<b>CAB WIDTH</b>	94 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2 Center Bench
<b>DOORS</b>	Standard or Bi-Fold





The fully electric Battle Motors LET2 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 LET2 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 easy-to-read actionable data, diagnostics, equipment utilization, and access to service manuals at the touch of a button.



RevolutionOS™ Digital Dashboard



# LNT

## LOW NARROW TILT

### ELECTRIC



<b>CLASS</b>	6, 7 and 8
<b>GVWR</b>	26,000 - 60,000 lbs
<b>HORSEPOWER</b>	442 - 570 hp
<b>TORQUE</b>	1,165 - 1,991 lb-ft
<b>RANGE</b>	130 - 150 miles
<b>SPEED</b>	70 mph
<b>BATTERY PACK</b>	240 kWh
<b>RECHARGE</b>	80% in 110 minutes
<b>MOTOR</b>	BorgWarner Cascadia Motion
<b>TRANSMISSION</b>	Direct Drive or 2 Speed Powershift
<b>CAB WIDTH</b>	82 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2 or 3
<b>DOORS</b>	Standard or Bi-Fold





The fully electric Battle Motors LNT is a narrow, nimble, and durable workhorse now delivering zero emissions, zero fuel costs, and lower maintenance costs. Good for our planet and good for your business, our electric LNT 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 easy-to-read actionable data, diagnostics, equipment utilization, and access to service manuals at the touch of a button.



RevolutionOS™ Digital Dashboard



Battle Motors offers a tilt and telescopic steering column for maximum driver comfort

82" cab width; 12" narrower than for tight applications

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



# LET2

## LOW ENTRY TILT 2

### CNG



<b>CLASS</b>	7 and 8
<b>GVWR</b>	46,000 - 72,000 lbs
<b>HORSEPOWER</b>	320 - 350 hp
<b>TORQUE</b>	1,000 - 1,450 lb-ft
<b>ENGINE</b>	Cummins L9N, X12N
<b>TRANSMISSION</b>	5 <sup>th</sup> Generation Allison 3000 RDS and 4500 RDS
<b>CAB WIDTH</b>	94 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2
<b>DOORS</b>	Standard, Bi-Fold, or Flip





All Battle Motors chassis models are available with Compressed Natural Gas (CNG) systems. CNG chassis are factory equipped with Fuel Management Modules (FMM), regulating CNG fuel system pressure, filtration and delivery to engine manufacturer's design recommendations, ensuring proper operation and factory support. Battle Motors offers behind-the-cab, (BTC) and saddle mount systems in various combinations, configurations and capacities to meet any specific installation and operating requirements.

Compressed Natural Gas powered trucks run cleaner and quieter and can equate to lower fuel costs and lower maintenance costs over the life of the vehicle. Battle CNG fuel systems are factory installed, supported and warrantied.



Fuel Management Module (FMM) integrated into all BTC and saddle mount systems NGV-1 and Transit Quick Connect Fuel Fill Connections located in FMM Factory installed, warrantied, and supported CNG systems in both BTC and saddle mount configurations from 45 DGE to 75 DGE



Conventional dash mounted fuel level gauge, standard with low level warning light

Front bumper fill connections available

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



# LET2

## LOW ENTRY TILT 2 CREW CAB

CNG



<b>CLASS</b>	7 and 8
<b>GVWR</b>	46,000 - 72,000 lbs
<b>HORSEPOWER</b>	320 - 350 hp
<b>TORQUE</b>	1,000 - 1,450 lb-ft
<b>ENGINE</b>	Cummins L9N, X12N
<b>TRANSMISSION</b>	6 <sup>th</sup> Generation Allison 3000 RDS or 4500 RDS
<b>CAB WIDTH</b>	94 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2 or 4
<b>DOORS</b>	Standard, Bi-Fold, or Flip





All Battle Motors chassis models are available with Compressed Natural Gas (CNG) systems. CNG chassis are factory equipped with Fuel Management Modules (FMM), regulating CNG fuel system pressure, filtration and delivery to engine manufacturer's design recommendations, ensuring proper operation and factory support. Battle Motors offers behind-the-cab, (BTC) and saddle mount systems in various combinations, configurations and capacities to meet any specific installation and operating requirements.

Compressed Natural Gas powered trucks run cleaner and quieter and can equate to lower fuel costs and lower maintenance costs over the life of the vehicle. Battle CNG fuel systems are factory installed, supported and warrantied.



Fuel Management Module (FMM) integrated into all BTC and saddle mount systems NGV-1 and Transit Quick Connect Fuel Fill Connections located in FMM Factory installed, warrantied, and supported CNG systems in both BTC and saddle mount configurations from 45 DGE to 75 DGE



# LET2

## LOW ENTRY TILT 2

### DIESEL



<b>CLASS</b>	7 and 8
<b>GVWR</b>	46,000 - 72,000 lbs
<b>HORSEPOWER</b>	300-430 hp
<b>TORQUE</b>	860 - 1,650 lb-ft
<b>ENGINE</b>	Cummins L9 or Cummins X12
<b>TRANSMISSION</b>	6 <sup>th</sup> Generation Allison 3000 RDS or 4500 RDS
<b>CAB WIDTH</b>	94 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2
<b>DOORS</b>	Standard, Bi-Fold, or Flip





The Battle Motors LET2 is a workhorse that incorporates sophisticated engineering and quality that is built to last. Its rugged framework, durable cab construction, and attention to detail make this model a top choice in premier refuse and recycling collection fleets across the country.

With the lowest step-in height in the industry, the Battle Motors LET2 is packed with best-in-class features to maximize safety, increase space, and enhance maneuverability. An all-around powerhouse, the LET2 thrives in all applications and environments.



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



Remote mounted 1,814 square inch radiator produces quieter, cooler cab environment and allows for a pass through cab design

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

Standard LED projection headlamps

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



# LET2

## LOW ENTRY TILT 2 CREW CAB

**DIESEL**



<b>CLASS</b>	6, 7 and 8
<b>GVWR</b>	26,000 - 66,000 lbs
<b>HORSEPOWER</b>	300-430 hp
<b>TORQUE</b>	860 - 1,650 lb-ft
<b>ENGINE</b>	Cummins L9 or Cummins X12
<b>TRANSMISSION</b>	6 <sup>th</sup> Generation Allison 3000 RDS or 4500 RDS
<b>CAB WIDTH</b>	94 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2 or 3
<b>DOORS</b>	Standard, Bi-Fold, or Flip



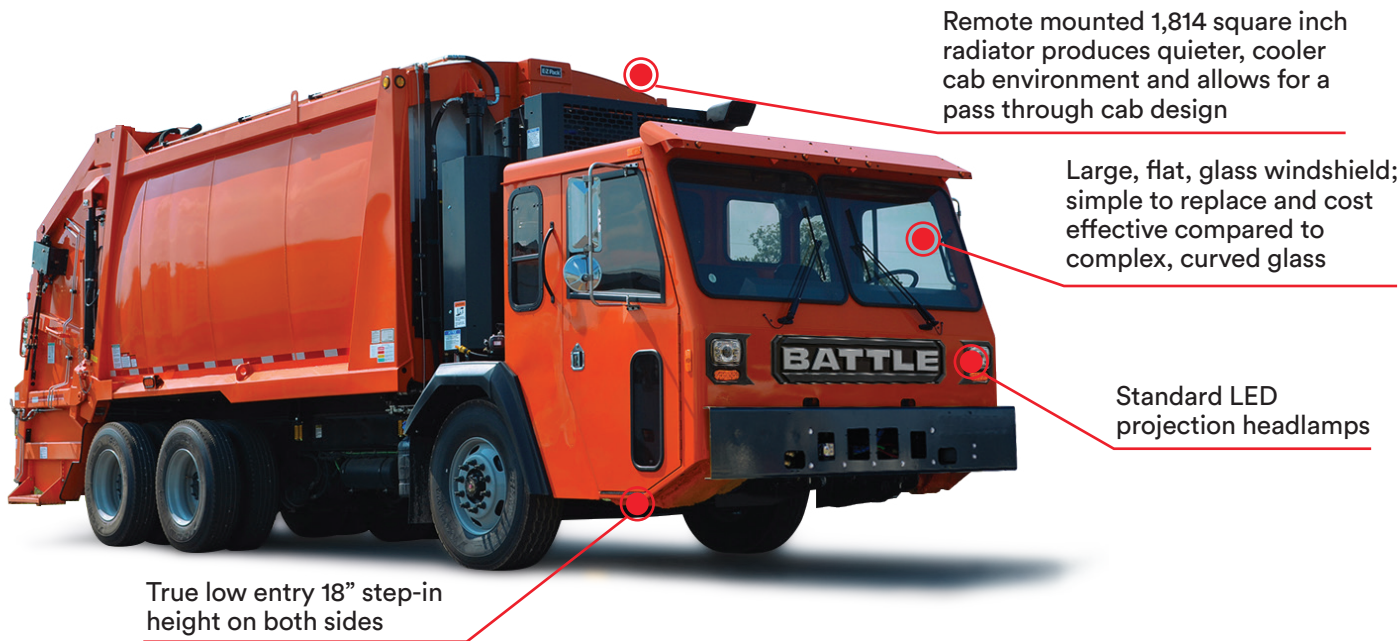


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With the lowest step-in height in the industry, the Battle Motors LET2 is packed with best-in-class features to maximize safety, increase space, and enhance maneuverability. An all-around powerhouse, the LET2 thrives in all applications and environments.



Optional Bi-Fold doors for easy entry

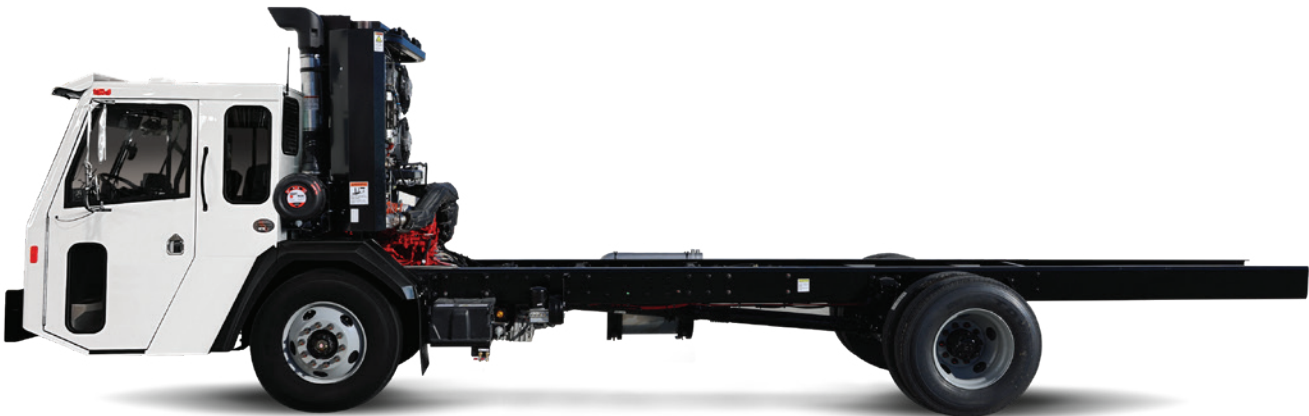


Remote mounted 1,814 square inch radiator produces quieter, cooler cab environment and allows for a pass through cab design

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

Standard LED projection headlamps

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



# LNT

## LOW NARROW TILT

### DIESEL



<b>CLASS</b>	6, 7 and 8
<b>GVWR</b>	26,000 - 66,000 lbs
<b>HORSEPOWER</b>	Up to 380 hp
<b>TORQUE</b>	Up to 1250 lb-ft
<b>ENGINE</b>	Cummins B6.7 or Cummins L9
<b>TRANSMISSION</b>	6 <sup>th</sup> Generation Allison 3000 RDS or 3500 RDS
<b>CAB WIDTH</b>	82 inches
<b>STEERING</b>	LH, RH, or Dual
<b>SEATS</b>	2 or 3
<b>DOORS</b>	Standard, Bi-Fold, or Flip





The Battle Motors LNT is ideal for pick-up, delivery and general transport challenges posed by dense city environments. Strategically designed at 12" narrower than our standard work truck chassis, the LNT expertly maneuvers tight side streets and alleyways; navigating access and service roads with ease.

With the lowest step-in height in the industry, the Battle Motors LNT is packed with best-in-class features to maximize safety, increase space, and enhance maneuverability. An all-around powerhouse, the LNT thrives in all applications and environments.



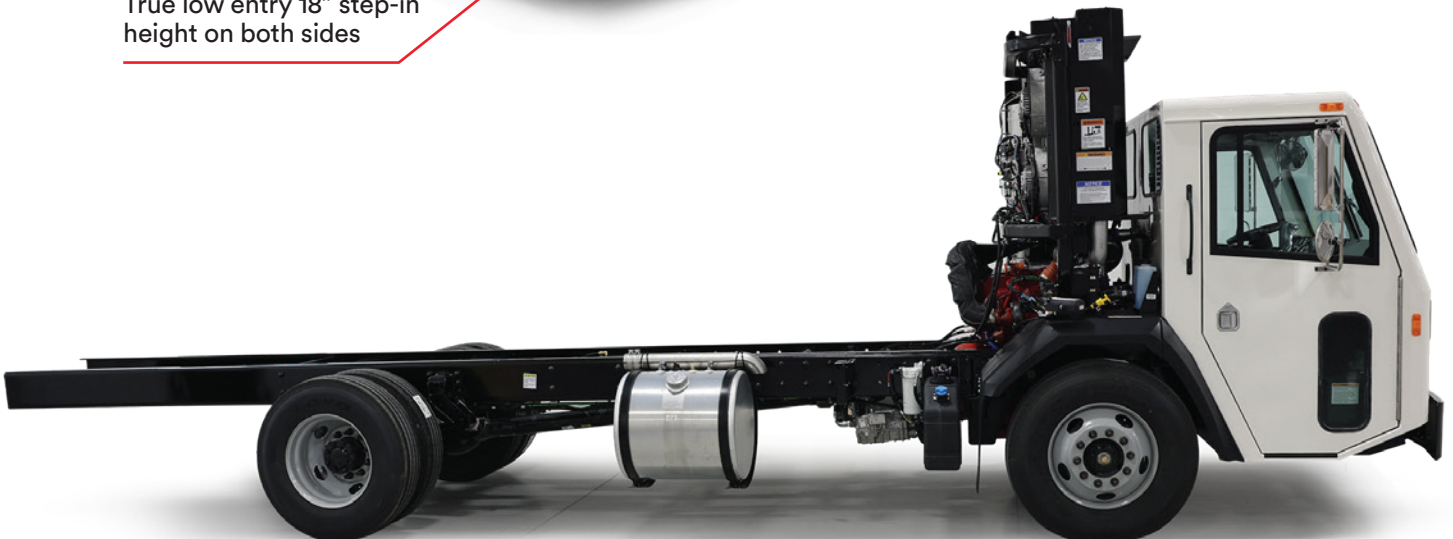
82" cab width engineered to be 12" narrower than our standard chassis for tight applications



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

Standard LED projection headlamps

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



# LDT

## LOW DROP TILT CREW CAB

**DIESEL**

CUSTOM ORDER ONLY



CLASS	8
GVWR	46,000 - 72,000 lbs
HORSEPOWER	300-430 hp
TORQUE	860 - 1,650 lb-ft
ENGINE	Cummins L9 or Cummins X12
TRANSMISSION	6 <sup>th</sup> Generation Allison 3000 RDS or 4500 RDS
CAB WIDTH	94 inches
STEERING	LH, RH, or Dual
SEATS	4
DOORS	Standard, Bi-Fold, or Flip-up Fold Back





The Battle Motors LDT2 is a workhorse that incorporates sophisticated engineering and quality that is built to last. Its rugged framework, durable cab construction, and attention to detail make this model a top choice in premier refuse and recycling collection fleets across the country.

With the lowest step-in height in the industry, the Battle Motors LDT2 is packed with best-in-class features to maximize safety, increase space, and enhance maneuverability. An all-around powerhouse, the LDT2 thrives in all applications and environments.



Remote mounted 1,814 square inch radiator produces quieter, cooler cab environment and allows for a pass through cab design

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

Standard LED projection headlamps

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

Drop Frame

# OUR CHARGING PARTNER

## ⊕ POSITIVE ENERGY

### CHARGING STATIONS

Sourcewell

Awarded Contract

Contract # 051123-PST

PositivEnergy is a Sourcewell approved vendor



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.



For more information, please contact us at: [marketing@positivenergy.us](mailto:marketing@positivenergy.us)

#### Hardware & Software

- Level 2 AC slow chargers (9.6kW-19.2kW)
- Level 3 DC fast chargers (50kW-300W+)
- Mobile DC Fast Charging (50kW-403kW+)
- Battery Energy Storage Solutions
- PositivPlatform EV Charging Software

#### Charging Services

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



Level 2 AC Charger



**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:** When is the best time to install EV Charging and Infrastructure?

**A:** The best time to install EV charging and infrastructure is ideally before your truck arrives. Having the necessary charging setup ready in advance ensures that you can immediately begin using your EV truck without any inconveniences related to charging.

**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 significantly reduce charging times to just 2-4 hours compared to Level 2 chargers' 12+ hours, making them ideal for minimizing vehicle downtime. They can be configured with multiple ports, accommodating more vehicles simultaneously, and offer a scalable, future-proof solution as your EV fleet grows.

**Q:** What are charger lead times?

**A:** Charger lead times range from immediate to 18 weeks, but they're not usually the critical factor in EV infrastructure projects. Starting early is essential for efficient installation. PositivEnergy will support you throughout the process, ensuring a smooth transition.

**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



Monitor your power from the dashboard



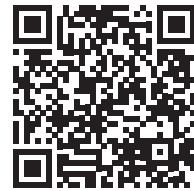
Dispenser

Power Conversion System (PCS)

**POSITIVENERGY**

# RevolutionOS™

## ADVANCED TECHNOLOGY FACTORY INSTALLED



Battle Motors has developed a software platform and operating system named RevolutionOS™ (RevOS™). RevolutionOS™ 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.

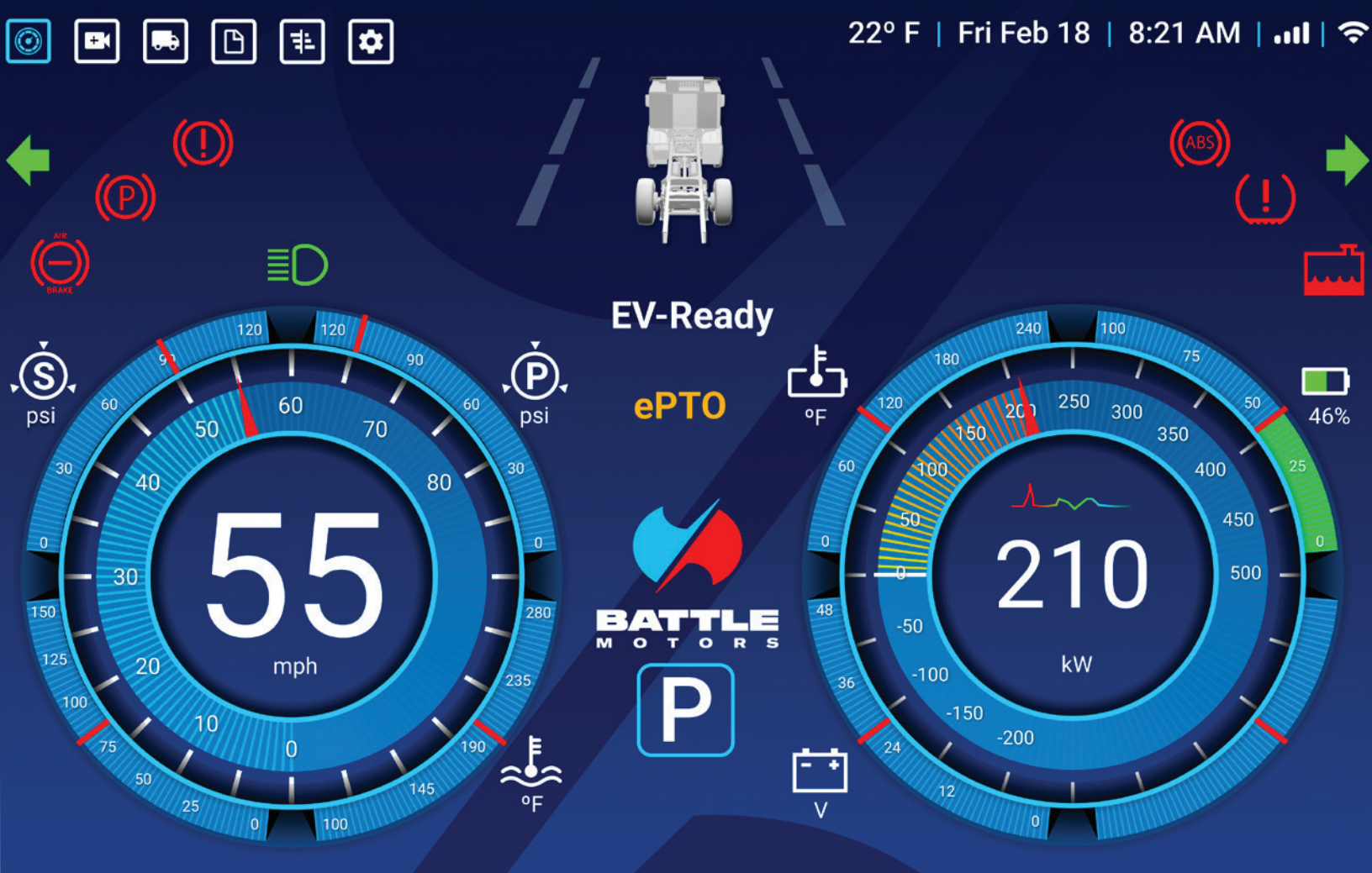


### Digital Dashboard Includes:

- Location Data
- Route Loading
- Service and Parts Intelligence
- Advance Driver Assistance Systems (ADAS)
- Entertainment
- Messaging
- Reporting





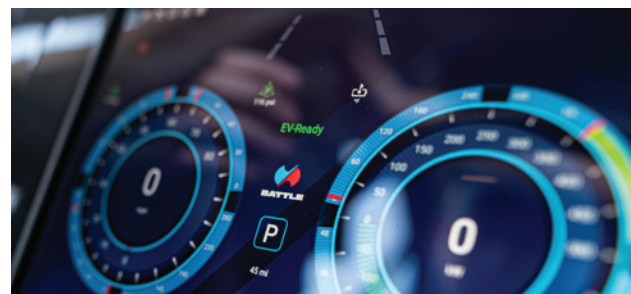


### Featuring Over-the-Air Updates

- 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:

- Advanced Driver Assistance Systems (ADAS) is standard
- Location Data data in real time and historic
- Service and Parts Intel
- Reporting
- Web based reporting - Role Based Web UI
- Compliance and traceability - who, what, when, and where
- Range Data to show the Battle Electric truck can meet your route demands







## LEASES & LOANS

### Products and Information Available for BEV and ICE

Battle Motors Capital was established to support the sale of Battle Motors' Class 6, 7, and 8 heavy-duty work trucks. Battle Motors is 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. 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.

Battle Motors Capital, through its extensive dealer network, offers competitive pricing on full payout loans, TRAC leases and balloon terms up to 84 months, and market leading Fair Market Value Leases for lower monthly payment on all its EV, Diesel and CNG equipment. In addition to customer financing, Battle Motors Capital, through its program with Mitsubishi HC Capital America, offers floor plan financing to its dealers and insurance to its customers through Mitsubishi HC Capital America throughout the US and Canada.







## LEASES & LOANS

- Loans up to 84 months
- FMV walk-away leases (off-balance sheet leases)
- Trac leases (on or off-balance sheet)
- For dealers: lease to re-lease, daily rental, short- and long-term leases
- Warranties and charger leasing and financing
- Early buy outs and end of term options
- Gap coverage
- Full array of insurance products from Mitsubishi HC Capital America
- Floorplan Program



**BATTLE**  
M O T O R S  
C A P I T A L



# ELECTRIC

## Applications



**BEVERAGE DELIVERY**



**DRY FREIGHT**



**STAKE & FLATBED**



**ROLL OFF**



**REFUSE**



# ELECTRIC

## Applications



**REFUELER**



**WATER TRUCK**



**SWEEPER**



**DIGGER DERRICK**



**CITY TRACTOR**



**BUCKET**



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[battlemotors.com](http://battlemotors.com)