

# ZERO-EMISSION BATTERY ELECTRIC VEHICLE

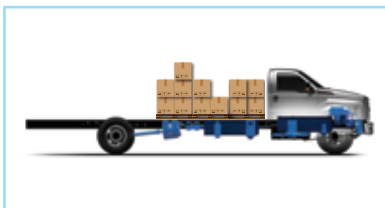
ROUSH CleanTech has deployed more than 25,000 alternative-fuel vehicles since 2010. We now bring that expertise and customer success to the electric vehicle market. Packed with power and performance, our zero-emission, all-electric vehicle is backed by decades of electric vehicle engineering expertise from Roush.

With more than 20 years of electric vehicle development experience, ROUSH CleanTech continues to innovate in the advanced clean transportation sector to deliver solutions for a more sustainable future.

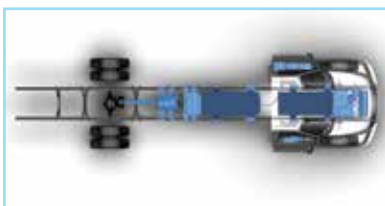
## KEY SPECIFICATIONS:

- **Make / model:** Ford F-650
- **GVWR:** 26,000 lbs.
- **Wheelbases:** 242" / 260" / 281"
- **Maximum speed:** 65 mph\*\*
- **Range:** 100 miles\*\*
- **Gradeability:** 17%

*\*\*May vary based on GVWR, applications, driver habits and duty cycles.*



**MAXIMUM  
PAYLOAD,  
14,500 LBS.\***



**CLEAN  
FRAME RAILS**

*\*Payload does not include weight of body, liftgate, driver, etc.*

**ROUSH**<sup>®</sup>  
CLEANTECH

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800.59.ROUSH

# ZERO-EMISSION BATTERY ELECTRIC VEHICLE



## OVERVIEW

- High-voltage battery system powers the electric drive motor for propelling the vehicle.
- 400-voltage battery system consists of a premium, heavy-duty and maintenance-free battery pack designed, developed and validated to meet or exceed applicable test criteria.
- Fully integrated high voltage cabin heating and air conditioning systems.
- Regenerative energy recovery to maximize range.

## PRODUCT APPLICATION

- Delivery
- Urban Maintenance

	BODY LENGTH			
	20'	22'	24'	26'
242" WB	✓	✓		
260" WB			✓	✓
281" WB				✓

## ZERO EMISSIONS

Zero emissions of nitrogen oxides, carbon monoxide, particulate matter, volatile organic compounds and hydrocarbons.

## BATTERY SYSTEM

- **Voltage:** 400 V
- **Chemistry:** Lithium Ion (NMC)
- **Energy:** 138 kWh
- **Modular battery design:** 2 battery packs

## MOTOR

- **Motor type:** 6-phase synchronous permanent magnet
- **Transmission:** Direct drive

## CHARGER

- **Charging port:** SAE J1772, AC level 2
- **Charge rate:** Up to 19.2 kW at 240V with 80A capable EVSE

CHARGE TIME		
SOC	80%	100%
20%	5.3 hrs.	9.0 hrs
30%	4.4 hrs	8.1 hrs
40%	3.4 hrs	7.1 hrs
50%	2.3 hrs	6.0 hrs

*Information based on the Clipper Creek CS-100 Level 2 Charger.*

## AFTER SALES SUPPORT

Existing and proven support provided every step of the way by ROUSH CleanTech's Customer Success Department and nationwide service partners.

## COMPLIANCE

- Meets all Department of Transportation regulations.
- Complies with all applicable vehicle Federal Motor Vehicle Safety Specifications (FMVSS) requirements.
- Adheres to the specifications of the California Zero Emissions Powertrain certification program for 2021 model year vehicles.