



Built in Athens, Ohio  
An Atlanta, Georgia Company



## Horizon HM6 BEVBX Class 6 Battery-Electric 26' Box Truck

### - Features -

- 100% All-Electric
- Up to 60% Fuel Savings
- 30–50% Lower Maintenance Costs
- Fast Charging: 0 to 100 percent in ~92 minutes

### - Main Specs -

- Range: 247~296 miles
- Battery capacity: 302 kWh



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# HM6 BEVBX

Class 6 - Dry Base Box Truck

## GENERAL SPECIFICATIONS

|                                 |                |
|---------------------------------|----------------|
| <b>GVWR</b>                     | 26000.0<br>lbs |
| <b>Curb Weight</b>              | 13980.0<br>lbs |
| <b>Max Payload</b>              | 12020.0<br>lbs |
| <b>Overall Length</b>           | 27.25 ft       |
| <b>Width</b>                    | 7.92 ft        |
| <b>Height</b>                   | 10.58 ft       |
| <b>Cab-to-Axle (CA)</b>         | 18.04 in       |
| <b>Cab-to-End-of-Frame (CE)</b> | 25.68 in       |
| <b>Bumper-to-back of Cab</b>    | 62.48 in       |
| <b>Turn radius</b>              | - ft           |
| <b>Ground Clearance</b>         | 1.15 in        |
| <b>Approach Angle</b>           | -<br>degree    |
| <b>Departure Angle</b>          | -<br>degree    |



## ELECTRIC DRIVE MOTOR

|                      |   |
|----------------------|---|
| <b>Motor Type</b>    | 3-Phase Synchronous<br>Permanent Magnet |
| <b>Rated Power</b>   | 147.50 hp                               |
| <b>Peak Power</b>    | 281.50 hp                               |
| <b>Rated Speed</b>   | 2100.00 rpm                             |
| <b>Peak Speed</b>    | 4500.00 rpm                             |
| <b>Rated Torque</b>  | 369.00 lb-ft                            |
| <b>Peak Torque</b>   | 811.00 lb-ft                            |
| <b>Rated Voltage</b> | 600.00 V                                |
| <b>Voltage Range</b> | 270–660 V                               |
| <b>Cooling</b>       | Liquid cooling                          |
| <b>Efficiency</b>    | 0.93                                    |

## HV BATTERY & CHARGING

|                             |                           |
|-----------------------------|---------------------------|
| <b>Chemistry</b>            | Lithium Iron<br>Phosphate |
| <b>Capacity</b>             | 301.6 kWh                 |
| <b>Cell Rating</b>          | 245.5 ah                  |
| <b>Mounting Location</b>    | middle                    |
| <b>DC Fast Charge Power</b> | 120.0 kW                  |
| <b>Warranty Years</b>       | 8.0 yrs                   |
| <b>Warranty Miles</b>       | 248548.48 miles           |

## SUSPENSION & AXLES

|                         |                                |
|-------------------------|--------------------------------|
| <b>Front Spring</b>     | 55.1 × 3 × 0.47 in (10 leaves) |
| <b>Rear Spring</b>      | 55.1 × 3 × 0.55 in (10 leaves) |
| <b>Auxiliary Spring</b> | 41.3 × 3 × 0.47 in (8 leaves)  |
| <b>Front Suspension</b> | Leaf spring                    |
| <b>Rear Suspension</b>  | Leaf spring                    |

## ELECTRICAL/MECHANICAL POWER TAKEOFF

|  |     |
|--|-----|
| <b>Electric Power Extraction Quality</b> | 2.0 |
|--|-----|

## HVAC / COOLING

|                             |          |
|-----------------------------|----------|
| <b>Heating Type</b>         | PTC      |
| <b>Refrigerant</b>          | R1234yf  |
| <b>Refrigerant Capacity</b> | 600 ± 20 |

## WHEELS & TIRES

|                              |                |
|------------------------------|----------------|
| <b>Wheel Material</b>        | Aluminum alloy |
| <b>Tire Size</b>             | 10R22.5 16PR   |
| <b>Rim Width</b>             | 7.50 in        |
| <b>Tire Pressure</b>         | 130.5 psi      |
| <b>Max Allowable (front)</b> | 12346.0 lbs    |
| <b>Front Single or Dual</b>  | single         |
| <b>Max Allowable (rear)</b>  | 23368.0 lbs    |
| <b>Rear Single or Dual</b>   | dual           |

## BRAKES

|                         |                          |
|-------------------------|--------------------------|
| <b>Service Brakes</b>   | Air Brake                |
| <b>Parking Brakes</b>   | Electronic parking brake |
| <b>Auxiliary Brakes</b> | Motor Regenerative       |

## PERFORMANCE

|                            |                |
|----------------------------|----------------|
| <b>Range (preliminary)</b> | 246.8–296.2 mi |
| <b>Top Speed</b>           | 75.00 mph      |
| <b>Gradeability</b>        | 30 %           |

Specifications are subject to change without notice. The latest data is always reflected in this specification sheet.

**Pre-Order This Vehicle**