



**eM2**

## eMobility That Thinks Outside the Box Truck

The Freightliner® eM2® delivers nimble performance and capability in the emissions-free package our customers want for urban settings. It's the result of our commitment to develop world-class, all-electric commercial vehicles that will reduce emissions and improve our customers' total cost of ownership (TCO).

As part of Daimler Trucks North America, Freightliner is able to utilize the global engineering expertise of Daimler to bring this practical, game-changing technology to market. Following a highly collaborative process with our customers, production of the eM2 is set to begin in 2023. It will bring a clean commercial transportation solution to reality that will have a positive impact on our customers and the industry as a whole.

Emissions-free and highly maneuverable, the eM2 is the rare welcome addition to a city's congested streets.

Horsepower	up to 300 hp (224 kW)
Target Max Range	230 MILES
Usable Capacity	194 kWh or 291 kWh
Recharge	80% in ~60 min.
GVWR	26K to 33K lbs.

- Based on one of North America's most in-demand medium-duty truck designs
- Ideal for local distribution, pickup and delivery, food and beverage delivery and last-mile logistics applications
- Routes under 230 miles
- Warehouse to final destination
- Start of production is scheduled for 2023 at our Portland Truck Manufacturing Plant which is a zero-waste-to-landfill facility and will be powered by 100% clean energy
- Quiet, comfortable and easy to drive



# Freightliner eM2

CLASSIFICATION	VEHICLE PLATFORM	eM2	
	CLASS	C16	C17
	WHEEL CONFIGURATION	4x2	
POWERTRAIN	AVAILABLE POWER RATINGS	200-300 continuous HP	
	USABLE BATTERY CAPACITY	194 kWh	291 kWh
	ELECTRICAL SYSTEM	Nominal 400V H2B system	
	PROPULSION SYSTEM	Detroit eAxle single drive	
	CHARGING POWER	Up to 180 kW	
	CHARGING: CCS1 @ 200A (0-80%)	~130 min	~200 min
	CHARGING: CCS1 @ 400A (0-80%)	~60 min	~90 min
	GENERAL DIMENSION & WEIGHT	LENGTH	391"
WIDTH		100"	
HEIGHT		With Roof Deflector: 137.4" With Aero Roof Device: 102.5"	
WEIGHT		12,980 lbs	16,230 lbs
BBC		106"	
WHEEL BASE		270"	
WHEEL CUT		55 degrees	
TURNING RADIUS		397"	
GVWR		26,000 lbs	33,000 lbs
CHASSIS		WHEEL RIM	22.5"
	TIRES	Size: 11 R22.5 or similar Supported Brands: Michelin, Bridgestone, Continental, Hankook	
	HUBS	Conmet Preset Plus Premium Aluminum Hubs	
	SUSPENSION	12,000 lb Dual Taperleaf Front Suspension 21,000 lb Rear Suspension	
	BRAKES	Meritor Air Disk Brakes	
	CHARGE PORT LOCATION	Left Hand Side, Under Cab	
	DISTANCE: NOSE TO CHARGE PORT	11 ft 0 in	
	PERFORMANCE	USE CASE	Pick-up & Delivery, Final Mile
TOP SPEED		65 mph; option for 70 mph	
TARGET MAX RANGE (FULLY LOADED)		Up to 150 miles	Up to 230 miles
ePTO		N/A for C16	HV battery pack available for refrigerator unit power
GROUND CLEARANCE (APPROACH / DEPARTURE ANGLE)		13"	
OTHER	SOP	2023	
	WARRANTY	Base (vehicle): 3 yr / 150k miles Powertrain (291 kWh pack): 5yr / 150k miles Powertrain (438 kWh pack): 5yr / 300k miles	



## Right-sized Innovation

The eM2 is large enough for regular deliveries, small enough to get in and out easily, and provides the power, torque, range and charging capabilities you need. It's an ideal vehicle where dedicated, repeatable routes are the norm, as well as for pickup and delivery. This is the daily driver that drives your business.

## A Proven Manufacturer

At Freightliner, cutting-edge design, engineering and manufacturing is nothing new. We apply the same processes, skill and efficiencies in building our electric trucks as we do in producing our industry-leading heavy- and medium-duty commercial trucks in volume. With the largest dealer and service network in North America, we offer unparalleled access to parts, support and factory-trained technicians.