

# EV VORLD

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#### NEWSLETTER ISSUE 07

#### LUXURY CARS

## AIR SAPPHIRE

THE FIRST LUXURY ELECTRIC SUPER SEDAN

horsepower (1,200 hp)

The new twin-motor rear-drive unit and a single-motor front-drive unit are part of the three-motor powertrain. The battery system is upgraded for higher power and precise thermal logic. The Lucid Air Sapphire is the most powerful sedan in the world. This is a highly anticipated vehicle that is currently in production and is set to be released later this year in 2023.

## 2,49,000 USD

TESLA

# MODEL S PLAID

#### KNOWN FOR ITS INSTANT TORQUE

horsepower (1,020 hp) = 0 to 60 mph (1.99 sec)

The vehicle boasts of an incredibly low drag coefficient of only .208 Cd, making it the world's most aerodynamic car. The Model S Plaid has an estimated range of 405 miles and fast charging (15 minutes of charge can go up to 200 miles). Tesla's new Model S comes equipped with a range of advanced safety features including Automatic Emergency Braking and Tesla Vision technology. These features are designed to help prevent collisions and ensure the safety of both the driver and passengers.

# **131,190** USD

## SUVS



# R1T

R1T has a 62 cubic feet storage cube located between the bed, front trunk, rear storage bin, under-seat compartments, center console, and gear tunnel which is easily the highlight of the vehicle. R1T is built to explore so the battery can face the hottest (130°F) and coldest (-25°F) conditions. Depending on the battery pack and motor

selected, it can go from 260 to 400 miles of range. It can drive through 3+ feet of water and rock crawl at a 100% grade. Rivian's Quad-Motor All-wheel drive (AWD) can independently adjust torque and deliver instant power.

# 73,000 USD





# Hummer EV SUV

Hummer EV has a remarkable feature called 'Crab Mode' which uses the rear wheel steering function to turn II four wheels in the same direction and move the vehicle sideways. Another feature is the 'Extract Mode' where the EV activates its Adaptive Air Ride Suspension to raise around 6" to surpass obstacles. The Hummer EV SUV has seventeen camera views, including standard HD Surround Vision. The Transparent Sky Panels and Infinity Roof combine to provide a completely open-air atmosphere.

It has up to 830 hp and a 300+ miles range.

1,39,000 USD

GMC Hummer EV SUV is set to make its debut in early 2023.

## E TRUCKS

The Tesla Semi has three separate motors that provide instant torque and unmatched power at any speed. It can reach 0 to 60 mph in 20 seconds. The Semi can travel up to 500 miles on a single charge and recover 70% of the range in 30 minutes using the Tesla Semi Charger. To provide traction and stability, the active safety feature works in tandem with sophisticated motor and brake controls. The all-electric architecture reduces the rollover risk and cabin intrusion.

## 1,50,000 to 2,00,000 USD

#### FREIGHTLINER

#### eCascadia Daimler Trucks North America

The Freightliner eCascadia is a Class 8 battery-electric truck aimed at short-haul routes that allows for depot-based charging. It has 320 to 470 hp, 230 miles of range, and multiple battery options with a maximum capacity of almost 440 kWh. It can recharge 80% in 90 minutes and has up to 82,000 lbs max Gross Combination Weight (GCW). eCascadia also has Active Battery Assistance 5 (ABA5) to navigate potential collisions by calculating the truck's speed and distance to other vehicles to determine if a braking or warning action is needed.

The eCascadia, is expected to be available by the end of 2023

# 2,49,000 USD

## BIKES



The 2023 Zero SR/S is an all-rounder with its potent powertrain, impeccable functionality, and cutting-edge design. It delivers 140 ft-lb of torque and generates 110 hp at 5,600 rpm (revolutions per minute). The lithium-ion battery makes this bike capable of a maximum range of 365 kilometers. The 2023 model comes fully upgraded to 6.6 kW.

# 23,995 USD



F77 is an advanced-engineered electric bike that gives the rider an elevated riding experience. The machine outputs 30.2 kW of peak power and 100 NM of torque on the motor. There are multiple safety features on the F77 with processes and methodologies derived from aircrafts. The battery has an 8 years warranty and the battery technology is coordinated with energy-efficient onboard systems, with a category-leading IDC range of 307 Km on a single charge.

# **FINU**Shots



The maintenance cost of an electric car is 60% less compared to an internal combustion engine.

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FINULEN .

virtually every new car sold around the world will be electric.



The transport sector can be decarbonized by 2040 due to new breakthroughs and technologies in the EV industry.

Read more....

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