



HomeCar Lists

Electric Trucks - Every Upcoming Pickup Truck For 2021-2022

Here's a rundown of the new and future electric pickup trucks coming out soon.



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By: **ERIC LOVEDAY**

Pickup trucks are massively popular in the U.S., so it should come as no surprise that automakers are now turning their attention to **electric pickup trucks**.

Most of these electric trucks are hugely capable and some come with high price tags, but we feel that the selection of upcoming electric pickups will soon be vast enough to suit most budgets and tastes.

Of course, some electric trucks have turned out to be more highly anticipated than others, but each of the trucks below promises to offer something unique and compelling.

The trucks we've rounded up include models that will launch as soon as next year, as well as some that are further off into the future. It's an open question as to which electric pickup truck will go on sale first, but it seems like the **Rivian R1T** will **win that race**. The R1T should be closely followed by the **Tesla Cybertruck** and **Lordstown Endurance**, while the other trucks may trail behind a bit.

Electric pickup trucks offer high towing values, solid payload ratings, as well as versatility. Some EV trucks are even **designed to be extreme off-roaders**, like the GMC Hummer EV SUT and Rivian R1T, as just two examples.

Without further adieu, let's jump right into what the world of electric pickup trucks will likely look like in just a few years' time.

2021 Electric Trucks

Here are the electric pickup trucks that are expected to launch in 2021. We should note that launch schedules are subject to change, but as of right now, these trucks appear to be on track to go on sale starting sometime next year.

2021 Tesla Cybertruck



The Tesla Cybertruck is designed to have the utility of a truck and the performance of a sports car. The vehicle is built to be durable, versatile, and capable, with exceptional performance both on-road and off-road.

Cybertruck **will come in three variants**: Single Motor Rear-Wheel Drive, Dual Motor All-Wheel Drive, and Tri-Motor All-Wheel Drive.

With a range of over 500 miles expected in top trim, the Cybertruck proves to be among the most capable, in terms of range, of any of the electric trucks coming onto the scene.

Release Date: Production expected to begin in late 2021

Electric Range: 250 (base) to over 500 miles in top trim

Horsepower: Unknown (0 to 60 MPH in under 2.9 seconds)

Pricing: Starting from \$39,900 (\$69,900 base price in top trim)

2021 Rivian R1T



Rivian, originally set to deliver the first models in June, has delayed the R1T delivery time. Now, the R1T deliveries are slated

for the second half of 2021.

While all the \$73,000 First Edition models have been spoken for, the R1T Explore with the 'Large' 300+ mile pack is available for \$67,500. The 'Max' 400+ mile pack will be available early on in 2022, and that option is a \$10,000 premium. Fully loaded, **an R1T costs almost \$100,000.**

A cheaper 250-mile version of the R1T will be released at a later date too.

Release Date: First deliveries set for the 2nd half of 2021

Electric Range: 250 to 400 miles depending on version and battery pack selection

Horsepower: Up to 754 HP

Pricing: Starting from \$67,500 (\$73,000 for First Edition)

2021 Bollinger B2



Back in October 2019, Bollinger announced that the B2, its pickup truck, would have the exact same starting price as its B1 SUV.

Both will cost \$125,000, but that includes all the bells and whistles.

Both the B1 and the B2 will have a 120 kWh battery pack, for a total range of 200 miles according to the EPA cycle. The company estimates they will be rated at 70.2 MPGe.

Regarding charging, Bollinger vehicles have a J1772 port and take ten hours to recover all juice from a 220V outlet. Fast charging happens with a CCS port and takes 75 minutes.

With dual-motor configuration, one for each axle, the B1 and B2 will have 614 hp and 668 ft-lb. Top speed will be limited to 100 mph while reaching 60 mph from 0 will require 4.5 seconds.

Release Date: Production expected to begin in 2021

Electric Range: 200 miles

Horsepower: 614 HP

Pricing: \$125,000

2021 Lordstown Endurance



After a series of malevolent reports, Lordstown Motors now says that only 1,000 units will be produced this year and full production won't happen until sometime in 2022.

The Endurance pickup truck is unique in that it relies upon 4 in-wheel motors for propulsion. Elaphe's L-1500 Endurance In-Wheel Motors will propel the Endurance.

Additionally, Lordstown is targeting a more commercial market with its Endurance pickup truck and is not focused on the passenger vehicle segment.

Endurance features a battery pack of 109kWh in terms of capacity, which should provide around 250 miles of range.

Release Date: Production to begin in September 2021 (1,000 units)

Electric Range: 250 miles estimate

Horsepower: 600 HP

Pricing: Starting from \$52,500

2022 Electric Trucks

Farther off into the future, there are more electric trucks in the works. These specific pickups are tentatively slated to launch sometime in 2022, so let's see what's coming.

2022 GMC Hummer EV



Early this April, GMC revealed its Hummer electric pickup truck. Unlike the Cybertruck and F-150 Lightning, the Hummer EV is significantly higher on the pricing spectrum.

Production of the 'Edition 1' trim is scheduled to start in fall 2021, and that model will start at \$112,595. By spring 2024, the cheapest Hummer EV will arrive, but it'll still accompany a near \$80,000 price tag. Regardless, if you want the Hummer electric truck, now's the time to [sign up to save your place in line](#).

The Hummer electric truck will be the most capable light-duty truck offered by GMC and the specs seem to support that. However, other electric pickup trucks boast more range and equally impressive performance specs such as 0-60 MPH times and torque/horsepower figures. The Hummer EV truly shines off-road though with [features such as Crab Mode](#) and loads of suspension travel.

Release Date: Edition 1 available late 2021 - other versions to follow in 2022, 2023 and 2024

Electric Range: Up to 350 miles

Horsepower: 1,000 HP

Pricing: \$79,995 to \$112,595

2022 Ford F-150 Lightning



Ford revealed the 2022 F-150 Lightning pickup truck early this June. Ford announced that pricing would start at just below \$40,000, but that's for a commercial fleet variant. If you'd like a decently-equipped version, or perhaps one with the extended-range battery, expect to pay well above \$50,000. Despite the pricing, all models will feature a dual motor setup.

The new Lightning will showcase many interesting features not present in other EVs or F-150s alike. In case of a power outage, the Lightning's battery can be utilized as a home power source for up to 10 days.

Additionally, the Lightning can achieve a shockingly quick zero to sixty time of 4.4 seconds, making it Ford's quickest pickup yet.

Release Date: Spring 2022

Electric Range: 230 miles (base), 300 miles (extended range)

Horsepower: Up to 563 HP

Pricing: Starting at \$39,974 (commercial), \$52,974 (XLT), \$90,474 (Platinum ER)

2022 Chevrolet Silverado EV



Chevrolet had, in November of 2019, confirmed plans to **build an electric pickup at the Detroit-Hamtramck Assembly Plant**, now

called **Factory Zero**, starting **in late 2021**. With the COVID-19 pandemic hitting not too long afterward, this timeline has apparently been delayed.

In April of 2021, however, the automaker confirmed that **it will make an all-electric Silverado pickup with over 400 miles of range**. We can pretty safely assume that the truck will use **GM's new Ultium platform and battery technology**, as we already know that the GMC Hummer EV SUT electric pickup truck and **Hummer EV SUV** will both feature **Ultium** as well.

Here's the actual wording on the **electric Chevy truck from GM** in its sustainability report:

Chevrolet BET Truck, which will be the brand's first electric full-size pickup, offering 400+ miles of range on a single charge.

Release Date: Late 2022 / early 2023

Electric Range: Over 400 miles

Horsepower: Unknown

Pricing: Unknown

2022 Atlis XT



After securing an additional \$300 million dollars in funding, the prospect of Atlis Motor Vehicles coming to fruition is now more likely than ever. Unlike other EV startups, Atlis is producing its own cells and platform, which will be sold to other OEMs alongside the XT pickup. Atlis Motors is set to reveal the production version later this year.

Atlis says its XT electric pickup truck is **among the most capable trucks to ever be revealed**. According to the automaker, the truck can be configured to go up to 500 miles per charge by selecting the largest battery pack.

In addition to the long-range, the towing capacity is impressive at up to 35,000 pounds. The payload is listed at up to 5,000 pounds, which is equally high.

Atlis XT is considered a full-size truck and, unlike with the Rivian R1T, a 6.5 or 8-foot bed can be selected. Clearly then, this is a larger truck than Rivian's. Its 8-lug wheel design suggests it's a heavy hauler too.

*****UPDATE:** *Atlis has made this additional information available to InsideEVs:*

XT Pickup owners will be able to choose from a 300, 400, or 500-mile battery pack that ranges from 125 kWh up to 250 kWh capacity. A maximum of 12,000 ft. lbs. of torque will be available at the wheels.

ATLIS targets \$45,000 to start for a short-wheelbase 300-mile XT truck. The 500-mile 35,000-pound gooseneck/fifth-wheel-prepped model should start at round \$85,000.

Release Date: Several preproduction vehicles on the road in 2021. Sales will begin in 2022.

Electric Range: Up to 500 miles

Horsepower: 600 HP

Pricing: Starting at \$45,000

Future Electric Trucks

Beyond 2022, there are a few other electric pickup trucks that we think may make it to market. These trucks are mostly outliers right now and there is little information on them, but still, each one has some details worth sharing.

Hercules Alpha



Hercules Electric Vehicles is a new company, founded in December 2018 in Detroit, which intends to introduce on the market an all-electric pickup truck, the Hercules Alpha. Its founder and CEO, James Breyer, was the lead powertrain development engineer of the Chevrolet Volt and lead propulsion engineer of the Spark EV.

We first noticed Hercules when Fully Charged mentioned it on its [list of 10 upcoming models](#). The exterior of the Alpha is very attractive (although it seems a bit like a converted Nissan Titan).

The brief description on the website presents relatively strong specs, but its [website](#) looks like it needs some updating.

In general, the Hercules Alpha is described as *"rugged luxury", with "Bold designs, luxurious materials, elegant displays, and unsurpassed features with exemplary attention to detail provide a truly luxurious in-cab experience."*

It will have over 300 miles (483 km) of range and quad motor, all-wheel-drive system, capable of delivering 0-60 mph (96.5 km/h) acceleration in 4 seconds.

Release Date: Perhaps 2022...maybe

Electric Range: Over 300 miles

Horsepower: More than 1,000 HP

Pricing: Unknown, but you can reserve one for \$1,500

Fisker Alaska



Henrik Fisker seemed excited to [share the rear perspective of a possible future Fisker pickup in a tweet](#) with the caption “Electric pick up!”, but that tweet was quickly taken down.

However, we do have an image of the Alaska pickup truck from Fisker. Unfortunately, no other mention was ever made in regards to this possible future pickup truck, so there are no details to provide.

Nissan Titan Electric Truck



According to unofficial sources, [Nissan](#) soon might also join the growing number of manufacturers that are working on a full-size electric pickup for the U.S. market.

The Japanese company [reportedly is in talks with the Hercules Electric Vehicles startup](#) (founded in 2018). Hercules would like to offer a ["rugged luxury" pickup called Hercules Alpha](#) (from mid-2022).

Nissan would buy *"a battery-electric powertrain"* from Hercules Electric Vehicles to use in the EV version of its Titan model, while Hercules Electric Vehicles would use Titan parts in its project.

Canoo Electric Pickup Truck



The **Canoo electric pickup truck** will be 184 inches (4.67 meters) long, 78 in (1.98 m) wide, 76 in (1.92 m) tall, and will have a 112.2 in (2.85 m) wheelbase. That means it is much, much smaller than most pickup trucks sold in the U.S. For the sake of comparison, the 2021 Ford Ranger is nearly 210.8 inches (5.35 meters) long.

The company did not mention its ground clearance, but the pickup truck will use 260/60 R18 tires. Its battery pack size is not listed, but Canoo said it would offer more than 200 miles of range. Considering Canoo already said its vehicles would have 40 kWh, 60 kWh, and 80 kWh, respectively with 130, 190, and 230 miles of range, it is obvious which battery pack the pickup truck should receive – unless Canoo plans to offer a bigger one.

The EV startup did not mention the pricing or the name of its electric pickup truck. However, it said we would know about that close to the production vehicle's presentation in Q2, 2022. That will be when pre-orders will open. Deliveries will only begin in 2023.

Prospective buyers will be able to choose RWD or AWD configurations, with up to 600 hp (447 kW) and 550 pound-feet (746 Nm) with the dual-motor option. Payload capacity will be 1,800 lb, and the truck bed is 64 in (1.63 m) wide, 72 in (1.82 m) long, and 21 in (0.52 m) deep. That gives it a volume of 54.5 cubic feet (1,543 liters).

Release Date: Deliveries to begin in 2023

Electric Range: More than 200 miles

Horsepower: Up to 600 HP

Pricing: Unknown

Alpha Wolf



Alpha Motor Corporation, a California-based EV startup, has revealed its Wolf electric pickup truck. This is the company's third EV, the **Ace Coupe** and **Jax CUV** have already been unveiled.

Unlike some of the upcoming electric trucks (**GMC Hummer EV** and **Rivian R1T**), this one won't empty your bank account. The Alpha Wolf electric truck starts at \$36,000, and that's without any tax incentives. Although, this old-school-looking electric truck is made for those who don't need more than two seats and enjoy venturing off the beaten path.

The Wolf comes in single motor, front-wheel drive, or dual-motor, all-wheel-drive configurations. The electric automaker claims a driving range of 250 - 275 miles and a towing capacity of 3,000 pounds will be possible. Hauling capacity isn't advertised but the bed is about five and a half feet in length, which is about the same as most crew cab trucks — but there's also a front trunk. The electric truck hits 60 mph in a brisk 6.2 seconds.

It seems Alpha hasn't settled on a battery pack size for the Wolf or doesn't want to disclose the exact size yet, but it will be between 75 and 85 kWh.

Due to its size (only 188 inches in length), the Wolf won't compete with any trucks currently in the market and it's a good option for

those who miss small trucks. For comparison, it's going to be just 4 inches longer than the Canoo electric pickup.

Release Date: Deliveries to begin in 2023

Electric Range: Up to 275 miles

Horsepower: Unknown

Pricing: Starting at \$36,00

Fastest Electric Truck

Whenever the mention of quick or fast comes up with electric vehicles, the name Tesla always is the first to come to mind and that holds true with regards to electric pickup trucks too. Though several electric trucks claim 0 to 60 MPH times of well under 5 seconds, the top-spec Tesla Cybertruck will likely be the quickest truck available. It is set to **rip from 0 to 60 MPH in under 2.9 seconds**, which is an incredible feat for a big truck.

Other trucks such as the Rivian R1T and GMC Hummer EV claim to be nearly as quick off of the line, but we believe the Cybertruck will be the fastest of them all.

EV Truck Towing Capacity

The topic of **towing** with electric vehicles is often a hot topic with much debate. Up until now, most of the towing we've seen involves vehicles like the Tesla Model X or Model Y. However, soon electric pickup trucks will enter the towing mix and it'll be interesting to see the impact of towing on range.

Several upcoming electric trucks come with bold towing claims, but until they're put to the test, those are just numbers with no real idea as to what impact weight, shape and so on will impact the truck's range.

Regardless, these trucks flaunt some big numbers. For example, the Cybertruck is claimed to tow up to pounds, while the Rivian R1T can tow an impressive 11,000 pounds. However, the Atlys XT can apparently pull a trailer weighing in at as much as 35,000 pounds. Lastly, let's not forget that we've seen the [video of the Ford F-150 EV towing a million-pound train](#) on a track.

Cancelled Electric Trucks

2022 Nikola Badger



Back in February 2020, [Nikola](#) revealed its Badger electric pickup truck concept. With an estimated total range of 600 miles (a blended figure that includes the use of hydrogen) or 300 miles on battery alone, the Badger seems impressive. It would zip from 0 to 60 MPH in 2.9 seconds. [Reservations for the truck opened](#) in June 2020. No pricing information was made at that time – it was later announced it would be \$60,000 to \$90,000 – and there were later some [questions as to whether or not the Badger would still a go](#).

[Those predictions proved true](#). In November 2020, General Motors signed a new MOU (Memorandum of Understanding) with Nikola, which replaced a previous one that would have seen it take an equity stake in the company and produce a battery-electric pickup. The new arrangement commits only to supplying its Hydrotec fuel-cell technology.

The Badger, which will forever remain a concept, aimed to compete with the likes of the Tesla Cybertruck, Rivian

R1T, Hummer electric pickup truck, Ford F-150 electric truck, and more in the ever-growing segment.

It would have been offered in two forms, with one being a battery-only version and the other offering both a battery and a hydrogen fuel cell setup. Key specs included:

- 600 miles on blended FCEV / BEV
- 300 miles on BEV alone
- Operates on blended FCEV / BEV or BEV only by touch of a button
- 906 HP peak
- 455 HP continuous
- 980 ft. lbs. of torque
- 160 kWh, flooded module - lithium-ion battery
- 120 kW fuel cell

Release Date: Never

Electric Range: 300 miles on electric, plus 300 more on the fuel cell

Horsepower: 906 HP

Pricing: \$60,000 to \$90,000

FAQs

Who will have the first electric truck for sale?

It's widely believed that Rivian with its R1T will be the first to log an actual sale to a customer, meaning a buyer will have a Rivian R1T in their driveway before any other electric pickup truck maker can make the same claim.

What electric trucks will be available in 2021?

Several. The Rivian R1T, Tesla Cybertruck, Lordstown Endurance and even the Bollinger B2 are all expected to enter production in 2021, with some deliveries actually occurring before the year ends.

Which EV Truck will have the best range?

Tesla Cybertruck. The top-spec Cybertruck is expected to have over 500 miles of electric range. No other truck is expected to exceed 500 miles, so the Cybertruck should win the range war.

What will be the cheapest electric truck released by the end of 2022?

For a commercial vehicle, the Ford Lightning is set to be the least expensive with a starting price of \$39,974. It will be available for individuals to purchase, but it's going to feel more like a work truck with vinyl seats and floors. For a personal vehicle, the cheapest electric truck would be the Cybertruck. Tesla claims to be able to offer an electric pickup truck for just \$39,900. We're a bit skeptical about this figure and should point out that Tesla has often pulled its cheapest offering for several models off of the market and/or never offered the cheapest version at all.

Will Ram or Toyota make an electric pickup truck?

While Toyota has not announced any intention to produce an electric pickup truck, Ram has briefly touched upon the possibility of either a plug-in hybrid truck, a pure electric truck, or perhaps even both. What we know for sure is that the FCA CEO talked about the "electrified" pickup truck at the company's Q3 earnings conference call. He asked customers and stockholders to "stay tuned" because he would eventually inform them about the RAM plans for electrification. But that's all we know at this point in time.

See these electric trucks and all of the other upcoming **future cars**.



By: **ERIC LOVEDAY**

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