

Hoverbike S3 2019 sparks eVTOL interest, preorders open

November 6 2018, by Nancy Owano



Credit: Hoversurf

Hoversurf's preorders have been made available for people attracted to their new Hoverbike S3 2019. The price is \$150,000 with a reservation deposit of \$10,000. Delivery will be in 2 to 6 months. Deliveries will be based on when you made your reservation.

In their About Us statement, the team said they are operating in a new industry, featuring a new form of transportation—personal drones. "This became possible thanks to the developments of computer vision

technology, [flight](#) computers, artificial intelligence, electric ducted fans, batteries and power electronics."

The company web site also declared that the company has been working in the eVTOL space for over four years.

Stephanie Valera in *Geek.com* and John Sciarrino in *Maxim* both took note of its [four](#) heavy-duty propellers to stay airborne.

Valera noted the capability for taking an "adult [rider](#) 16 feet above the ground, at speeds of up to 60 mph for 10 to 25 minutes, depending on weight and weather conditions."

She also noted its new "hybrid lithium-manganese-nickel" battery. Nicolas Zart in *CleanTechnica*: "The HoverBike [S3](#) uses LiNiMnCoO₂ (Lithium manganese nickel) for a 'hybrid' battery approach. This offers a high level of safety and low resistance of manganese due to the high energy of nickel."

Enthusiasts would participate in what the company positions as a new chapter in business and personal powered flight. Will this be a welcomed alternative to traffic hassles and pollution?

CleanTechnica apparently felt the bike was an interesting part of the eVTOL marketplace. "Welcome the HoverSurf Hoverbike S3 to the growing family of eVTOL aircraft," the article said last month (eVTOL refers to electrical vertical take-off and landing).

The design allows it to be rolled through a standard doorway and being able to take off and land from an ordinary parking space.

Different types of carbon fiber technology were used for the frame. The weight is 114 kg (253 pounds). Flight time: up to 40 minutes in the

drone mode. Actual flight time with the pilot is 10 to 25 minutes and depends on weight and flight conditions.

Safety measures include what the makers call a "triple security system": electronic, mechanical and passive. There is an emergency landing, sound and visual warning system, anti-interference screening, kill switch, embedded deformation zones, power fences and protective elements for the pilot.



The recommended flight altitude is 5 meters above the ground (16 feet),

and [maximum](#) speed is limited to 96 km / h (60 m / Ph).

Yanko Design took a look at the Hoverbike from a user perspective: They see the S3 as "a massive drone you can [sit](#) on."

"You call it a hoverbike, I call it a one-manned personal drone, because that's what the Scorpion 3 or the S3 looks like," wrote Sarang Sheth.

More information: www.hoversurf.com/orderyours

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