

TECHNICAL DATA

VELIS ELECTRO

Performance

Takeoff 50 ft Obstacle (MTOW)	1,470 ft (448 m)
Max Climb Rate	647 fpm
Cruise Speed (75% Power)	93 KCAS (sea level)
Max Endurance	Up to 50 min (plus VFR reserve)
Stall Speed with Flaps	45 KCAS

Powerplant

Engine Manufacturer	Pipistrel
Engine Model	E-811-268 MVLC
Max Take-off Power	57.6 kW MTO
Charge Time*	1 hr 20 min

Weights

Max Take-off Weight	1,320 lb (600 kg)
Typical Empty Weight	944 lb (428 kg)
Useful Load	376 lb (170 kg)

Dimensions

Wingspan	35.1 ft (10.70 m)
Length	21.3 ft (6.47 m)
Height	6.23 ft (1.90 m)
Max Occupants	2

*Based on a normal charging cycle from 35% to 95% SOC (state-of-charge).

Note: Pipistrel reserves the right to revise this data whenever occasioned by product improvement/authority regulations or other good causes.



VELIS ELECTRO



Electric is Now

Arriving from the future, the Velis Electro is the greenest way of learning to fly. Pipistrel engineers are pioneers in alternative propulsion and the company's electric journey started in 2007 with the world's first two-seat electric aircraft, the Taurus Electro.

Today, the Velis Electro is the first ever type-certified, electric-powered aircraft, fully approved for pilot training in Day VFR operations in more than 30 countries. Pilots will enjoy ease of operation with an intuitive powertrain and impressive ergonomics.

The Velis Electro is part of the Velis family of aircraft with demonstrated levels of safety built on more than 15 years of Pipistrel expertise in electric flight.

Clean and Quiet

The Velis Electro produces zero emissions during operation and with noise levels of only 60 dBA, is ultra-quiet both on the inside and outside. Both a revolution in sustainable flight and a game changer for ease of operation, the future is here and the Velis Electro has set the standard.

Innovation and Peace of Mind

The Velis Electro was designed to be simple to operate and maintain with no compromising. Power comes from Pipistrel's own type-certified electric engine, the E-811, producing 57.6 kW from a 345 VDC electric system and in-house developed dual battery system. This revolutionary powertrain is entirely liquid cooled, can be charged through the on-board charging port with an external charger and has demonstrated high levels of safety.

EFFICIENCY IS STANDARD

- *Revolutionary, game changing ease of operation and the most sustainable way to fly producing zero emissions during flight.*
- *Quiet on the inside and outside. At just 60 dBA the Velis Electro is noise friendly bringing flight closer to noise-sensitive urban areas.*
- *Low cost of operation with no fuel costs and low maintenance costs. The Velis Electro is both environmentally friendly and cost effective.*

