AeroStar EVR-8 VTOL: Specifications

AeroStar EVR-8 long-endurance tail-pushed VTOL with high efficiency specifically designed for long-range delivery, inspection, surveillance and mapping jobs. They can stay in the air for up to 3-1/2 hours and cover hundreds of kilometers on a single battery charge.

Parameter	EVR-8
Wingspan	2500 mm / 98.42 In
Length	1260 mm / 49.60 In
Material	Carbon Fiber
Basic Empty Weight	7.4 kg (no battery) / 16.31 Lb
Max Take Off Weight	15 kg / 33.06 Lb
Suggested Payload	1.5 kg / 3.30 Lb
Endurance	3.5 hours (no payload) 3 hours (1.2 kg payload)
Max. Cruising Speed	28 m/s / 62.6mph
Stall Speed	15.5 m/s / 34.7 f/s
Max Flight Altitude	4,800 m / 5,905 Ft
Battery	2x 6s 25000 mAh
Battery Cabin	260 mm x 150 mm x 85 mm / 10.23 in x 5.9 in x 3.34 in
Wind Resistance	Up to 14 m/s - 31 mph Fixed Wing Mode Up to 8 m/s - 18 mph VTOL Mode
Operating Voltage	12S
Operating Temperature	-20C to +45C / -4F to 113F
Carrying Case	1300 mm x 530 mm x 470 mm / 51.18 in x 20.86 in x 18.50in

Key Dimensions



