



SPECIFICATIONS OVERVIEW:

Specifications	ELEKTRA ONE	ELEKTRA ONE SOLAR	ELEKTRA TWO RECORD	ELEKTRA TWO STANDARD
MTOW	300 kg	300 kg	350 kg	472 kg
Empty weight (without batteries)	100 kg	100 kg	140 kg	200 kg
Battery weight	100 kg	100 kg	80 kg	up to 100 kg
Payload	100 kg	100 kg	150 kg	180 kg
Wing span	8,6 m	11 m	17 m	14 m / 17 m
Wing surface	6,4 m ²	8,2 m ²	19 m ²	15 m ² / 19 m ²
Max. engine power	16 kW	16 kW	16 kW	40 kW
Max. range	more than 400 km	up to 1000 km	more than 2000 km	14 m wing span: 500 km 17 m wing span: 700 km
Max. endurance	more than 3 hours	more than 8 hours	over 20 hours	14 m wing span: 5 hours 17 m wing span: 8 hours
Cruise	160 km/h	140 km/h	80 km/h	14 m wing span: 140 km/h 17 m wing span: 120 km/h
Aspect ratio	11,65	14,7	15	14 m wing span: 13 17 m wing span: 15
Best glide ratio	25	30	34	14 m wing span: 28 17 m wing span: 34
Certification	Ultralight class Germany (LTF-UL)	Ultralight class Germany (LTF-UL); in future also in the FAR 103 ultralight class	LTF-UL Germany	LTF-UL germany