



LEOPARD HOBBY LC3542 Series Specification

Model	KV	No-load current	Max Amps	Propeller	Max Voltage	Current	Pull	Power	Efficiency	Load current	No. of Cells (Lipo)	Weight (motor only)**	Weight w/ hardware**	Shaft Diameter	Resistance	Length of Extended Shaft
		(A)	(A)		(V)	(A)	(g)	(W)	(g/w)	(A)		(g)	(g)	(mm)	(ohm)	(mm)
LC-3542-5T	1080	1.4	55	1 3 4 0	7.4	18	1000	133.2	7.51	47	2-4S	135	154	5	0.026	17
					8.4	22	1350	184.8	7.31							
					11.1	33	2100	366.3	5.73							
					12.6	40	2600	504	5.16							
				1 1 4 7	7.4	21	1000	155.4	6.44							
					8.4	27	1400	226.8	6.17							
					11.1	39	2000	432.9	4.6							
					12.6	44	2250	554.4	4.06							
				1 2 6 0	7.4	28	1400	207.2	6.76							
					8.4	33	1600	277.2	5.77							
					10	42	2050	420	4.88							
					11.1	45	2250	495	4.37							
LC-3542-6T	920	1.1	42	1 3 6 5	7.4	22	1200	162.8	7.37	36	2-4S	135	154	5	0.0365	17
					8.4	26.5	1440	222.6	6.47							
					10	33.5	1720	335	5.13							
					11.1	39.5	2050	438.45	4.68							
				1 3 4 0	11.1	22	1600	244.2	6.55							
					12.6	27	2000	340.2	5.88							
					14.8	33.5	2600	495.8	5.24							
					16.8	41	3200	688.8	4.65							
				1 2 6 0	11.1	25	1600	277.5	7.03							
					12.6	30	2000	378	5.29							
					14.8	38	2600	562.4	4.62							
					16.8	43	2900	722.4	4.01							
LC-3542-7T	780	0.9	36	1 3 4 0	11.1	15.5	1200	172.05	6.97	31	3-5S	135	154	5	0.0472	17
					12.6	19	1600	239.4	6.68							
					14.8	24	2150	355.2	6.05							
					16.8	29	2600	487.2	5.34							
					18.5	34	3000	629	4.77							
					20	37	3250	740	4.39							
				1 5 4 0	11.1	22	1800	244.2	7.37							
					12.6	26	2150	327.6	6.56							
					14.8	33	2800	488.4	5.73							
					16.8	39	3400	655.2	5.19							
					18.5	45	3900	904.5	4.57							
					21	51	4500	1021.5	4.06							
LC-3542-8T	690	0.7	33	1 3 4 0	12.6	14	1250	176.4	7.09	28.5	3-6S	135	154	5	0.0609	17
					14.8	17	1750	251.6	6.96							
					16.8	21	2100	352.8	6.85							
					18.5	24	2500	444	6.63							
					21	29	3000	609	6.49							
					22.2	32	3250	710.4	6.37							
				1 5 4 0	11.1	16	1400	177.6	7.88							
					12.6	19	1800	239.4	7.52							
					14.8	24	2350	355.2	6.62							
					16.8	28.5	2800	478.8	6.49							
					18.5	33	3400	610.5	6.37							
					21	39	4000	801	6.25							
LC-3542-9T	600	0.6	28	1 5 4 0	11.1	12	1200	133.2	9	24	3-5S	135	154	5	0.0785	17
					12.6	14.5	1500	182.7	8.24							
					14.8	18.5	1900	273.8	6.94							
					16.8	22	2400	369.6	6.49							
					18.5	25	2800	462.5	6.05							
					21	30	3350	630	5.32							
				1 5 6 0	11.1	16	1500	177.6	8.45							
					12.6	19.5	1800	245.7	7.33							
					14.8	24	2300	355.2	6.48							
					16.8	29	2750	487.2	6.48							
					18.5	33	3200	584	6.37							
					21	39	3800	702	6.25							

LC-3542-10T	560	0.5	25	1 5 4 0	11.1	10	1000	111	9	21.5	3-6S	135	154	5	0.1035	17
					12.6	12	1200	151.2	7.94							
					14.8	15.5	1600	229.4	6.97							
					16.8	18.5	2000	310.8	6.44							
					18.5	19.5	2300	360.75	6.38							
				22.2	23	2750	510.6	5.39								
				25.2	27	3250	680.4	4.78								
				1 6 8 0	11.1	17	1550	188.7	8.21							
					12.6	20	1900	252	7.54							
					14.8	24	2200	355.2	6.2							
14.8	17	2000	251.6		7.95											
16.8	20	2200	336		6.55											
LC-3542-12T	450	0.4	20	1 6 8 0	18.5	22	2600	407	6.39	17	3-5S	135	154	5	0.1325	17
					11.1	15	1500	166.5	9							
					12.6	18	1900	226.8	8.38							
				1 8 8 0	14.8	22	2200	325.6	6.76							
					14.8	13	1600	1924	8.32							
					16.8	15	1900	252	7.54							
				1 5 6 0	18.5	17	2200	314.5	6.99							
					21	21	2600	441	5.89							
					14.8	11	1400	162.8	8.6							
				LC-3542-13T	420	0.4	18	1 5 6 0	16.8							
18.5	14.5	1900	268.25						7.08							
21	17	2200	357						6.16							
14.8	14.5	1700	214.6						7.92							
1 6 8 0	16.8	17	2000					285.6	7							
	18.5	19.5	2200					360.75	6.1							
	14.8	9.5	1200					140.6	8.53							
	16.8	11.5	1500					193.2	7.76							
LC-3542-14T	380	0.4	15	1 5 6 0	18.5	13	1700	240.5	7.07	13	4-6S	135	154	5	0.1815	17
					21	15.5	2000	325.5	6.14							
					22.2	17	2200	377.4	5.83							
					14.8	12.5	1500	185	8.11							
				1 6 8 0	16.8	14.5	1800	243.6	7.39							
					18.5	16	2000	296	6.76							
					21	17.5	2400	367.5	6.53							

****All motors have been weighed in-shop by Altitude Hobbies. These weight figures are accurate and not underrated manufacturer estimates.**

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