

Hyperion Zs30 Series Motor Test Data

All data below was collected with previous generation LiPo, ESC, and Optical Tachometer. In some cases the batteries delivered relatively low voltage output (blue highlight). Use of new G3 Lipo packs may result in currents up to 5%~15% higher and corresponding increase in rpm.

Appearance of a propeller/battery combination does not necessarily indicate that it is suitable for the motor or a particular model. See the Zs Datasheet for recommended max currents and wattage limits.

HP-ZS3007B-24					
Prop Size	Cells (S)	V	A	W	RPM
APC 9x4.5E	3	12.13	20.6	250	10850
APC 9x6E	3	11.96	25.4	304	10340
APC 10x5E	3	11.45	31	354	10230
APC 10x4.7SF	3	11.77	32.4	381	8811

HP-ZS3009-20					
Prop Size	Cells (S)	V	A	W	RPM
APC 9x6E	2	7.72	13	101	7725
APC 10x5E	2	7.69	14	108	7620
APC 11x5.5E	2	7.62	18.8	143	7155
APC 12x6E	2	7.53	24.2	182	6630
APC 13x6.5E	2	7.46	28.4	212	6180
APC 14x7E	2	7.41	33.2	246	5730
APC 8x4E	3	11.77	14.5	171	12030
APC 8x6E	3	11.57	23.5	272	11010
APC 9x4.5E	3	11.60	21.3	247	11220
APC 9x6E	3	11.50	25.9	297	10680
APC 10x5E	3	11.45	28	320	10440
APC 11x5.5E	3	11.29	36.1	408	9540
APC 12x6E	3	11.15	45.7	510	8580

HP-ZS3014-12					
Prop Size	Cells (S)	V	A	W	RPM
APC 11x5.5E	2	7.62	21.2	161	7500
APC 12x6E	2	7.51	28.1	211	7080
APC 13x6.5E	2	7.45	34	253	6690
APC 14x7E	2	7.34	40.9	300	6285
APC 8x6E	3	11.55	26.2	303	11460
APC 9x4.5E	3	11.58	23.9	277	11610
APC 9x6E	3	11.45	29.5	338	11190
APC 10x5E	3	11.41	31.8	363	11040
APC 10x7E	3	10.52	38.6	406	9870
APC 11x5.5E	3	11.20	43.1	484	10230

HP-ZS3014-14					
Prop Size	Cells (S)	V	A	W	RPM
APC 12x6E	2	7.70	19.6	151	6450
APC 13x6.5E	2	7.62	24.2	184	6150
APC 14x7E	2	7.53	29.2	220	5820
APC 15x8E	2	7.41	38.5	285	5220
APC 9x6E	3	11.74	20.2	237	10110
APC 10x5E	3	11.69	21.7	254	9960
APC 11x5.5E	3	11.55	29.9	345	9450
APC 11x7E	3	10.62	33.3	354	8730
APC 12x6E	3	11.36	39.9	453	8730

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HP-ZS3020-8					
Prop Size	Cells (S)	V	A	W	RPM
APC 11x5.5E	2	7.58	23.9	181	7755
APC 12x6E	2	7.46	31.5	235	7320
APC 13x6.5E	2	7.38	38.7	285	6990
APC 13x8E	2	7.12	40.4	288	6480
APC 14x7E	2	7.27	47.2	344	6585
APC 8x6E	3	11.50	29.4	338	11820
APC 9x4.5E	3	11.53	26.1	301	12000
APC 9x6E	3	11.39	32.8	374	11580
APC 10x5E	3	11.33	35.4	402	11400
APC 10x7E	3	10.45	39.7	415	10110
APC 11x5.5E	3	11.12	49	545	10680

HP-ZS3020-10					
Prop Size	Cells (S)	V	A	W	RPM
APC 13x6.5E	2	7.65	23.9	183	6210
APC 14x7E	2	7.57	29.5	223	5955
APC 15x8E	2	7.41	40.7	301	5430
APC 9x6E	3	11.77	19.2	226	10020
APC 10x5E	3	11.72	21.2	248	9930
APC 10x7E	3	10.83	24.8	269	8940
APC 10x10E	3	10.50	34.1	358	8250
APC 11x5.5E	3	11.58	29	337	9480
APC 12x6E	3	11.38	40	456	8850
APC 13x6.5E	3	11.24	48.3	543	8460
APC 9x6E	4	15.51	33.1	514	12750
APC 10x5E	4	15.43	36	556	12570
APC 10x7E	4	14.91	44.9	670	11700
APC 11x5.5E	4	15.15	50.1	760	11790

All data below was collected with previous generation LiPo, ESC, and Optical Tachometer. In some cases the batteries delivered relatively low voltage output (blue highlight). Use of new G3 Lipo packs may result in currents up to 10%~20% higher and corresponding increase in rpm.

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HP-ZS3025-6					
Prop Size	Cells (S)	V	A	W	RPM
APC 10×5E	2	7.57	28.8	218	9270
APC 11×5.5E	2	7.41	38.8	288	8685
APC 12×6E	2	7.29	48.3	352	8190
APC 13×6.5E	2	7.14	58.5	418	7590
APC 14×7E	2	7.02	68.8	483	7050
APC 8×6E	3	10.33	40.4	417	12330
APC 9×4.5E	3	10.42	34.6	361	12690
APC 9×6E	3	10.19	44.5	454	12000
APC 10×5E	3	10.05	48.4	487	11670
APC 10×7E	3	9.83	58.5	575	11010
APC 11×5.5E	3	9.75	64	624	10680
APC 12×6E	3	9.54	77.6	740	9870

HP-ZS3025-08					
Prop Size	Cells (S)	V	A	W	RPM
APC 13×6.5E	2	7.51	31.4	236	6555
APC 14×7E	2	7.41	38.1	283	6210
APC 15×8E	2	7.22	50.1	362	5595
APC 10×7E	3	10.48	31.9	335	9420
APC 10×7E	3	10.96	34.8	382	9810
APC 10×10E	3	10.17	44.3	451	8640
APC 11×5.5E	3	10.36	33.2	345	9240
APC 12×6E	3	10.17	41.9	427	8730
APC 13×6.5E	3	10.00	51.8	518	8205
APC 9×6P	4	14.88	35.9	535	13470
APC 10×5SP	4	14.64	41.2	604	13050
APC 10×7E	4	14.26	54.8	782	12120

HP-ZS3025-10					
Prop Size	Cells (S)	V	A	W	RPM
APC 13×6.5E	3	10.55	30.2	319	7275
APC 14×7E	3	10.36	37.5	389	6900
APC 15×8E	3	10.05	51.1	514	6270
APC 10×5SP	4	15.27	23	352	11100
APC 10×7E	4	15.00	31.2	468	10620
APC 10×10E	4	14.64	44.9	658	9840
APC 12×6SP	4	14.67	44.3	650	9870