

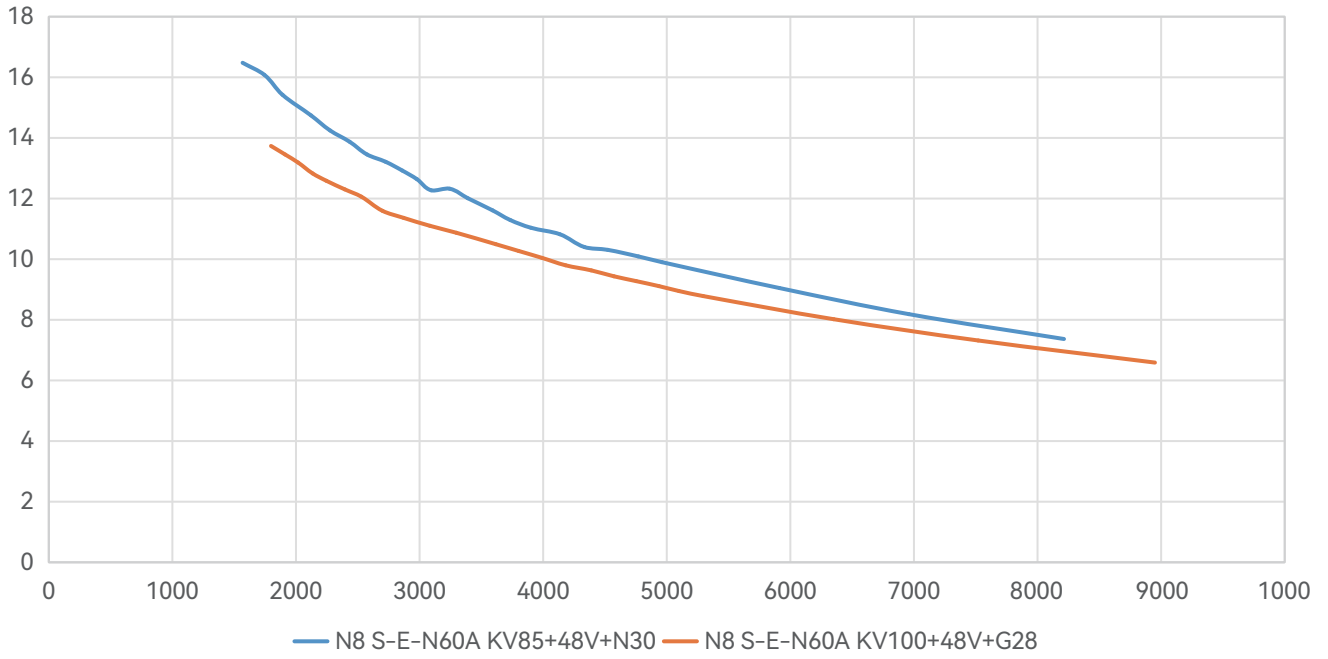
# N8 S-E

Test Data									
Type	Voltage (V)	Throttle	Current (A)	Thrust (gf)	Torque (N·m)	RPM	Power (W)	Overall Efficiency (gf/w)	Operating Temperature (°C)
N8 S-E-N60A KV85+48V+N30	48.03	30	1.98	51568	0.55	1311	95	16.48	73.5 (Ambient Temperature: 25)
		32	2.26	1744	0.62	1380	108	16.08	
		34	2.56	1891	0.66	1435	123	15.42	
		36	3.00	2122	0.74	1518	144	14.74	
		38	3.33	2276	0.80	1572	160	14.25	
		40	3.66	2434	0.85	1624	175	13.87	
		42	3.99	2575	0.90	1671	191	13.45	
		44	4.30	2726	0.95	1714	206	13.21	
		46	4.61	2860	0.99	1753	221	12.92	
		48	4.91	2978	1.02	1787	236	12.64	
		50	5.25	3094	1.07	1823	252	12.27	
		52	5.49	3243	1.12	1865	263	12.33	
		54	5.88	3390	1.17	1905	282	12.01	
		56	6.44	3590	1.23	1959	309	11.61	
		58	6.89	3734	1.29	1997	331	11.29	
		60	7.36	3901	1.34	2040	353	11.04	
		62	7.96	4134	1.43	2096	382	10.82	
		64	8.68	4335	1.50	2143	417	10.40	
		66	9.14	4522	1.56	2187	439	10.31	
		68	9.84	4770	1.64	2243	473	10.09	
70	10.43	4962	1.71	2287	501	9.90			
80	13.60	5913	2.03	2483	654	9.05			
90	17.69	6959	2.39	2687	850	8.19			
100	23.21	8214	2.82	2908	1115	7.37			
N8 S-E-N60A KV100+48V+G28	48.03	30	2.73	1798	0.57	1695	131	13.74	76 (Ambient Temperature: 25)
		32	2.96	1912	0.61	1748	142	13.45	
		34	3.19	2017	0.64	1795	153	13.19	
		36	3.47	2135	0.67	1847	166	12.83	
		38	3.72	2246	0.71	1894	178	12.59	
		40	4.06	2395	0.75	1953	195	12.30	
		42	4.37	2528	0.79	2007	210	12.06	
		44	4.85	2700	0.85	2074	233	11.60	
		46	5.26	2871	0.89	2136	253	11.36	
		48	5.79	3083	0.96	2212	278	11.10	
		50	6.32	3298	1.02	2286	303	10.87	
		52	7.18	3617	1.12	2392	345	10.49	
		54	7.71	3801	1.17	2451	370	10.27	
		56	8.28	3990	1.23	2509	397	10.04	
		58	8.89	4181	1.29	2568	427	9.80	
		60	9.49	4389	1.36	2629	456	9.63	
		62	10.10	4573	1.41	2682	485	9.44	
		64	10.67	4753	1.46	2732	512	9.28	
		66	11.28	4937	1.52	2780	542	9.11	
		68	11.86	5098	1.58	2826	570	8.95	
70	12.55	5295	1.63	2876	603	8.78			
80	16.48	6352	1.96	3143	792	8.02			
90	21.38	7520	2.31	3403	1028	7.32			
100	28.26	8950	2.75	3696	1358	6.59			

Note: Temperature in the chart is the bell temperature after running @80% throttle for 3min.  
(The above data was obtained from a test platform and is provided solely for selection reference.)

# N8 S-E

## Thrust-Efficiency Curve



## Contents



N8 S-E\*1



Parts Bag\*1