

A-7445-165kv + Tribunus III ESC + 30x12C2E

MOTOR	ESC throttle (μs)	Force Fz (thrust) (kgf)	Torque MZ (torque) (N·m)	Voltage (V)	Current (A)	Rotation speed (rpm)	Electrical power (W)	Mechanical power (W)	Motor & ESC efficiency (%)	Propeller efficiency (gf/W)	Powertrain efficiency (gf/W)
A-7445-165kv	1295	5.17	1.74	48.41	13.11	2546	635	463	72.95	11.16	8.14
	1364	7.10	2.38	48.35	19.69	2944	952	732	76.92	9.70	7.46
ESC	1425	9.09	3.05	48.28	27.46	3301	1326	1055	79.59	8.61	6.86
	1494	11.74	3.90	48.19	38.51	3728	1856	1524	82.14	7.70	6.32
Tribunus III 14-220A	1552	14.19	4.77	48.09	50.51	4059	2429	2026	83.40	7.00	5.84
PROP	1696	20.43	7.07	47.81	87.78	4835	4196	3580	85.32	5.71	4.87
Falcon 30x12 C2E	1763	24.63	8.44	47.60	111.51	5168	5308	4568	86.04	5.39	4.64
Battery	1842	28.27	9.92	47.36	141.11	5554	6683	5772	86.36	4.90	4.23
	1939	32.62	11.81	47.03	179.38	5876	8436	7267	86.14	4.49	3.87
12s Lipo	2000	35.56	13.10	46.79	210.54	6175	9851	8468	85.97	4.20	3.61