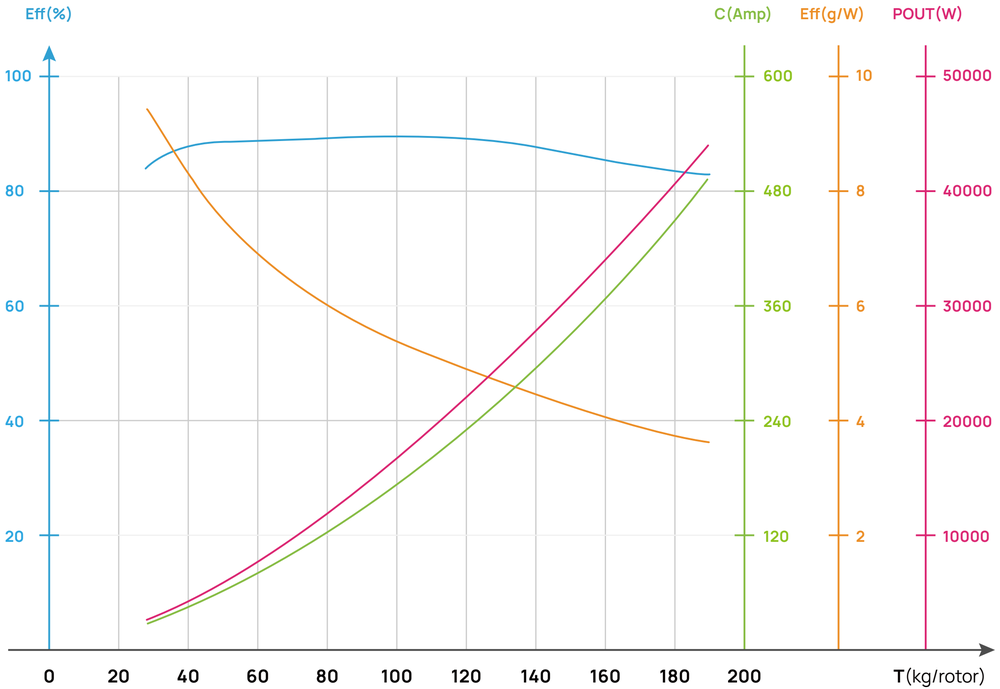
LOAD PERFORMANCE PARAMETERS

负 载 性 能 参 数

以上数据为好盈实验室于室温 20℃、3600m海拔高度，变化油门输入调节测得。
The above data was measured by HOBBYWING Laboratory at room temperature 20°C,
at 3600m level, with varying throttle input, for reference only.

H15MD 100-28S共轴负载性能参数(108V)

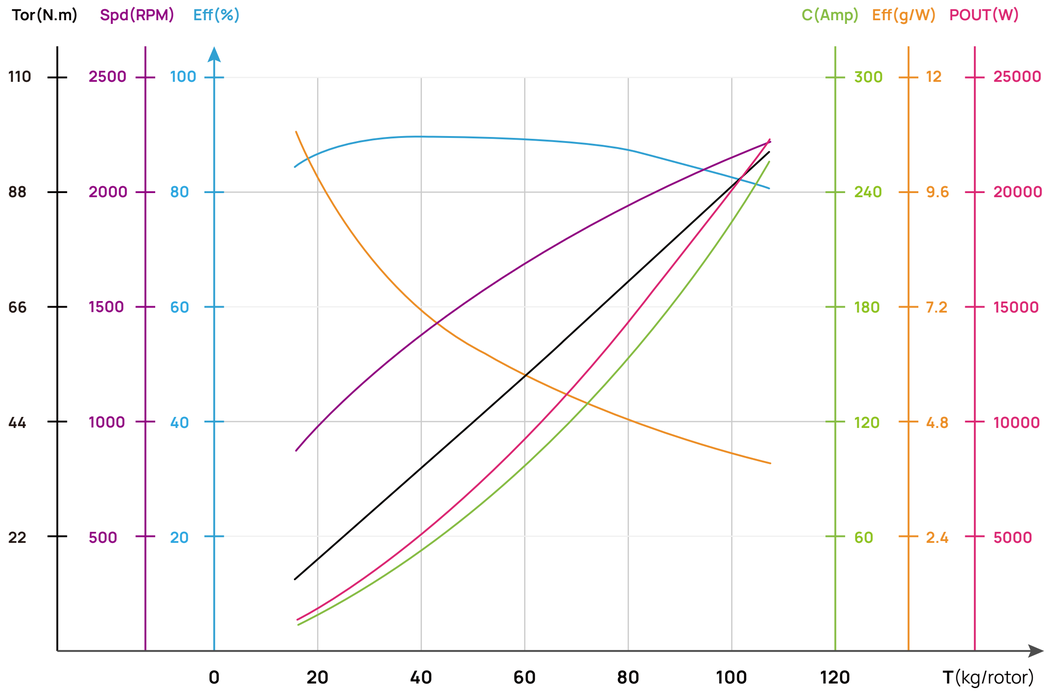
H15MD 100-28S Load Performance Parameters of Coaxial (108V)



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Efficiency(%) 效率	Efficiency(g/W) 力效	Power Output(W) 输出功率	Motor Temperature(℃) 电机温度
108V	MFC 73x34	33%	29207	29.2	3156.4	85.01	9.3	2683.2	/
		35%	33017	34.4	3713.7	86.53	8.9	3213.5	
		37%	37099	40.4	4361.6	87.49	8.5	3816.0	
		39%	41406	47.2	5095.4	88.08	8.1	4488.0	
		42%	48206	58.8	6345.2	88.55	7.6	5618.6	
		45%	55330	71.9	7757.2	88.79	7.1	6887.6	
		48%	62715	86.3	9316.4	88.96	6.7	8287.9	
		51%	70324	102.0	11014.3	89.14	6.4	9818.1	
		54%	78138	119.1	12850.3	89.32	6.1	11477.9	
		57%	86155	137.4	14832.2	89.48	5.8	13271.9	
		60%	94376	157.3	16974.9	89.59	5.6	15207.8	
		63%	102804	178.8	19298.5	89.59	5.3	17289.6	
		66%	111434	202.2	21825.7	89.44	5.1	19520.9	
		69%	120246	227.7	24576.5	89.11	4.9	21900.2	
		72%	129202	255.4	27562.3	88.58	4.7	24414.7	
		75%	138235	285.2	30777.4	87.86	4.5	27041.0	
		78%	147246	316.8	34190.1	87.00	4.3	29745.4	
		81%	156093	349.7	37733.6	86.06	4.1	32473.5	
		84%	164588	382.7	41299.2	85.13	4.0	35158.0	
		87%	172490	414.6	44735.4	84.28	3.9	37703.0	
		90%	179495	443.5	47852.7	83.61	3.8	40009.7	
		100%	191091	491.8	53064.3	82.81	3.6	43942.6	

H15MD 100-28S上轴负载性能参数(108V)

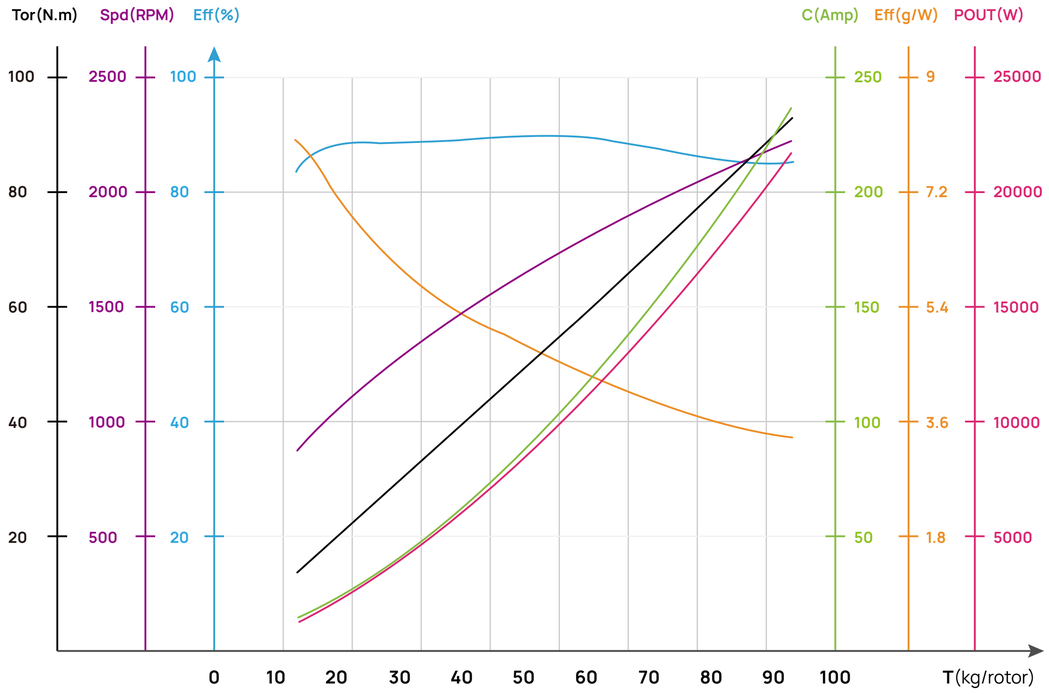
H15MD 100-28S Load Performance Parameters of Upper Rotor of Coaxial (108V)



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Motor Temperature(℃) 电机温度
108V	MFC 73x34	33%	16680	14.6	1571.8	895	10.6	14.26	1336.8	/
		35%	18771	17.2	1854.5	950	10.1	16.09	1600.6	
		37%	21033	20.2	2182.7	1006	9.6	18.07	1903.5	
		39%	23431	23.7	2554.2	1063	9.2	20.18	2245.7	
		42%	27224	29.5	3186.6	1146	8.5	23.52	2821.9	
		45%	31193	36.1	3901.0	1227	8.0	27.02	3471.7	
		48%	35293	43.5	4690.1	1304	7.5	30.65	4185.2	
		51%	39500	51.4	5550.0	1379	7.1	34.38	4964.7	
		54%	43804	60.0	6480.3	1451	6.8	38.21	5805.3	
		57%	48208	69.3	7484.7	1520	6.4	42.13	6705.8	
		60%	52719	79.4	8570.5	1588	6.2	46.16	7675.9	
		63%	57345	90.3	9747.4	1655	5.9	50.31	8718.5	
		66%	62093	102.2	11026.9	1721	5.6	54.58	9836.6	
		69%	66962	115.1	12420.5	1786	5.4	58.99	11032.1	
		72%	71936	129.1	13937.0	1849	5.2	63.52	12298.1	
		75%	76984	144.4	15579.5	1911	4.9	68.15	13636.5	
		78%	82053	160.7	17340.4	1970	4.7	72.83	15022.8	
		81%	87064	177.9	19196.0	2025	4.5	77.48	16429.8	
		84%	91905	195.5	21100.3	2076	4.4	82.01	17827.8	
		87%	96430	213.0	22979.6	2121	4.2	86.26	19158.6	
		90%	100452	229.2	24728.7	2159	4.1	90.05	20358.9	
		100%	106928	256.6	27690.8	2217	3.9	96.16	22324.0	

H15MD 100-28S下轴负载性能参数(108V)

H15MD 100-28S Load Performance Parameters of Lower Rotor of Coaxial (108V)



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Motor Temperature(℃) 电机温度
108V	MFC 73x34	33%	12527	14.7	1584.6	896	7.9	14.34	1345.0	/
		35%	14246	17.2	1859.3	953	7.7	16.16	1612.8	
		37%	16066	20.2	2178.9	1009	7.4	18.10	1912.1	
		39%	17975	23.5	2541.2	1064	7.1	20.13	2242.7	
		42%	20982	29.3	3158.6	1144	6.6	23.33	2794.8	
		45%	24138	35.7	3856.2	1222	6.3	26.69	3415.2	
		48%	27422	42.9	4626.3	1297	5.9	30.19	4099.9	
		51%	30824	50.6	5464.3	1371	5.6	33.81	4854.2	
		54%	34334	59.0	6370.0	1443	5.4	37.56	5675.2	
		57%	37947	68.1	7347.5	1513	5.2	41.42	6562.9	
		60%	41658	77.9	8404.4	1583	5.0	45.41	7527.0	
		63%	45459	88.5	9551.2	1653	4.8	49.51	8569.9	
		66%	49340	100.1	10798.8	1721	4.6	53.73	9682.0	
		69%	53284	112.6	12156.1	1788	4.4	58.04	10867.0	
		72%	57266	126.3	13625.2	1853	4.2	62.44	12114.5	
		75%	61251	140.8	15197.9	1914	4.0	66.87	13402.0	
		78%	65192	156.1	16849.7	1972	3.9	71.29	14720.7	
		81%	69029	171.8	18537.6	2025	3.7	75.62	16034.1	
		84%	72683	187.2	20198.9	2074	3.6	79.75	17320.6	
		87%	76060	201.6	21755.9	2119	3.5	83.58	18545.1	
		90%	79044	214.3	23124.1	2157	3.4	86.95	19638.9	
		100%	84168	235.2	25376.0	2227	3.3	92.68	21613.3	