

Continuous Power (W)	3700
Continuous Torque (Nm)	8.2
Rotation speed (rpm)	4300
Efficiency (%)	88.30%
Minimal Battery Voltage (V)	33.0
Phase Current RMS (A)	61
Power per mass (kW/kg)	1.85
Torque per mass (Nm/kg)	4.1
Losses (W)	490
Peak Power (W)	11000
Peak Torque (Nm)	17.5
Rotation speed (rpm)	6,000
Efficiency	93.0%
Minimal Battery Voltage (V)	44.0
Phase Current RMS (A)	138
Power per mass (kW/kg)	5.5
Torque per mass (Nm/kg)	8.8
Losses (W)	828
Motor Mass (kg)	2
Max Rotation Speed (rpm)	7000
Lamination length (mm)	25
Number of poles	28
Number of slots	24
Cooling system	air
Wire turns	10.0
Wire in parallel	4.0
Wire height (mm)	0.8
Wire width (mm)	3.0
Phase cross section (mm^2) (8AWG)	9.6
Phase current density (Continuous) (Arms/mm^2)	6.4
Torque Pulsation (Continuous) (%)	4.3%
Motor velocity constant KV (rpm/V)	74
Torque constant Kt (Nm/Arms)	0.13
Size D/L (mm)	139/53.5
Magnets grade (max temp 150 C)	N52UH
Stator core steel	H 070-20
Motor max working temp (C)	150.00
Battery cells	18
Battery max voltage (V)	76
Battery min voltage (V)	54
Propeller mount	4xM5 on 35mm
Motor mount	4xM5 on 35mm
Safety factor	>3
Temperature sensor	PT1000
TBO 30 kg 1800 rpm (hour)	8753
Thrust continuous (kg)	21
Propeller	30x14