

Continuous Power (kW)	10
Continuous Torque (Nm)	47.7
Rotation speed (rpm)	2,000
Efficiency (%)	95.00%
Minimal Battery Voltage (V)	244.0
Phase Current RMS (A)	40
Power per mass (kW/kg)	2.0
Torque per mass (Nm/kg)	9.7
Losses (W)	526
Peak Power up 3 min (kW)	22
Peak Torque up to 3 min (Nm)	95.0
Rotation speed (rpm)	2,600
Efficiency	93.2%
Minimal Battery Voltage (V)	378.0
Phase Current RMS (A)	70
Power per mass (kW/kg)	4.5
Torque per mass (Nm/kg)	19.4
Losses (W)	1605
Motor Mass (kg)	4.9
Max Rotation Speed (rpm)	4800
Lamination length (mm)	40
Number of poles	28.00
Number of slots	24.00
Cooling system	air outside
Wire size	0.9x3.5 12 turns
Phase cross section (mm^2) (12AWG 4.5mm) (7AWG 7.2mm)	3.15
Phase current density (Continuous) (Arms/mm^2)	12.8
Torque Pulsation (Continuous) (%)	2.1%
Motor velocity constant KV (rpm/V)	8.5
Motor torque constant Kt (Nm/A)	1.12
Size D/L (mm)	161/86
Magnets grade (max temp 180 C)	N52UH
Stator core steel	H 075-20
Motor max working temp (C)	150.00
Battery cells	96
Battery 28S max voltage (V)	403
Battery 28S min voltage (V)	288
Propeller mounting:	6xM6 on 50mm
Motor mounting:	6xM6 on 50mm
Safety factor	3.2
Temperature sensor	PT1000
TBO 60 kg 2000 rpm (hour)	8635
Recommended propeller	HK 63"x22"
Trust continues (kg)	60