M5208 Light Motor Specification

Specification Ⅰ

Model	M5208 Light-340/380KV	Ingress Protection	IP45
Motor Size	Φ58*H29.7 mm	Slot & Pole	24N28P
Dynamic Balance	≤8 mg	Bearing	Water proof bearing
Stator Process	High standard silicon steel sheet, rust proof, 180℃ high temperature resistance paint-coat		
Motor Axle Diameter	Φ4 mm	Props Mounting Dimensions	4×M3@D12 mm, 4×M3@D18 mm
Enamelled wire	220 ℃	Motor Mounting Dimensions	4×M3@D25 mm
Magnet	180 ℃	Motor Mounting Screw Tightening Torque	1~1.2 N·m
Isolation Test	500V AC high voltage resistance test	Rated RPM	3770 rpm (340KV) 4300 rpm (380KV)
Rated Output Power (Max continuous)	148/150 W (340/380KV)	Rated Power Density	0.96 kW/kg

Specification Ⅱ

KV	340 KV	380 KV
Battery (LiPo)	LiPo-6S	LiPo-6S
Rated Voltage	23 V	23 V
No-load Current	1.5 A @23V	2 A @23V
Maximum Current (non-hermetic Ambient Temperature ≤ 25℃)	36 A @23V	45 A @23V
Max Thrust	4.6 kg	5.3 kg
Resistance	50.3 mΩ	40.5 mΩ
Wire Size	Enameled wire direct lead-out	Enameled wire direct lead-out
Three-Phase Wires Length	80 mm	80 mm
Weight (with cable)	153.8 g	156.5 g