M6208 Light Motor Specification

Specification Ⅰ

Model	M6208 Light-155/310KV	Ingress Protection	IP45
Motor Size	Φ68.7*H25.8 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	200 ℃	Motor Mounting Dimensions	4×M4@D32 mm
Magnet	150 ℃	Motor Mounting Screw Tightening Torque	2.5~3 N·m
Isolation Test	500V AC high voltage resistance test	Rated RPM	3500 rpm (155KV) 3950 rpm (310KV)
Rated Output Power (Max continuous)	230/250 W (155/310KV)	Rated Power Density	1.39 kW/kg (155KV) 1.48 kW/kg (310KV)

Specification Ⅱ

KV	170 KV	320 KV
Battery (LiPo)	LiPo-12S	LiPo-6S
Rated Voltage	46 V	23 V
No-load Current	0.92 A @46V	1.65 A @23V
Maximum Current (non-hermetic Ambient Temperature ≤ 25℃)	28.5 A @46V	60 A @23V
Max Thrust	7 kg	7 kg
Resistance	161.4 mΩ	42.3 mΩ
Wire Size	Enameled wire direct lead-out	Enameled wire direct lead-out
Three-Phase Wires Length	50 mm	50 mm
Weight (with cable)	165 g	169 g