

M6210 HighProt Motor Specification

Specification I

Model	M6210 HighProt-170/320KV	Protection level	IP45
Motor size	Φ68.7*H30.2 mm	Slot & Pole	24N28P
Stator size	Φ62*H10 mm	Dynamic balance	≤8 mg
Stator process	High standard silicon steel sheet, rust proof, 180°C high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	200 °C	Motor axle diameter	Φ6 mm
Magnet	150 °C	Props mounting dimensions	4×M3@D12 mm, 4×M3@D18 mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4×M4@D25 mm
Rated output power (Max continuous)	306 W		

Specification II

KV	170 KV	320 KV
Battery (LiPo)	LiPo-12S	LiPo-6S
No-load current	1.31 A	1.97 A
Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	42.9 A	55.2 A
Max thrust	9.1 kg	7.1 kg
Resistance	98.6 mΩ	33.65 mΩ
Wire size	16 AWG	16 AWG
Three-phase wires length	150 mm	150 mm
Weight (With cable)	231 g	239 g