C6220 Motor Specification

Specification Ⅰ

Model	C6220-220KV	Protection level	IPX5
Motor size	Φ69*H45.9 mm	Slot & Pole	24N28P
Stator size	Φ62*H20 mm	Dynamic balance	≤15 mg
Stator process	High standard silicon steel sheet, rust proof, 180℃ high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	220 ℃	Motor axle diameter	Φ10 mm
Magnet	160 ℃	Props mounting dimensions	4×M3@D20mm, 4×M4@D23mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4×M4@D36 mm
Rated output power (Max continuous)	530 W		

Specification Ⅱ

KV	220 KV
Battery (LiPo)	LiPo-12S (48V)
No-load current	3.7 A
Maximum current (non-hermetic ambient temperature ≤ 25℃)	86 A
Rated thrust	4 kg (48V@19×10)
Max thrust	14 kg (48V@19×10)
Resistance	23.4 mΩ
Wire size	Enameled wire direct lead-out
Three-phase wires length	100 mm
Magnetic encoder cable length	130 mm
Weight (With cable)	460 g