

## C8030 Motor Specification

### Specification I

Model	C8030-160KV	Protection level	IPX5
Motor size	Φ89.1*H69.5 mm	Slot & Pole	24N28P
Stator size	Φ80*H30 mm	Dynamic balance	≤20 mg
Stator process	High standard silicon steel sheet, rust proof, 180°C high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	240 °C	Motor axle diameter	Φ10 mm
Magnet	180 °C	Props mounting dimensions	4×M3@D20 mm, 8×M5@D30 mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4×M5@D45 mm
Rated output power (Max continuous)	1430 W		

### Specification II

KV	160 KV
Battery (LiPo)	LiPo-12S (48V)
No-load current	6 A
Maximum current (non-hermetic ambient temperature ≤ 25°C)	201 A
Rated thrust	10 kg (48V@27x12)
Max thrust	30.4 kg (48V@27x12)
Resistance	7.7 mΩ
Wire size	Enameled wire direct lead-out
Three-phase wires length	100 mm
Magnetic encoder cable length	130 mm
Weight (With cable)	1115 g