

V13823 Motor Specification

Specification I

Model	V13823-60KV	Protection level	IP45
Motor size	Φ147.9*H66.8 mm	Slot & Pole	36N42P
Stator size	Φ138*H23 mm	Dynamic balance	≤55 mg
Stator process	High standard silicon steel sheet, rust proof, 180°C high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	220 °C	Motor axle diameter	Φ12 mm
Magnet	130 °C	Props mounting dimensions	4×M5@D30 mm & 4×M4@D30 mm
Isolation test	1000V AC high voltage resistance test	Motor mounting dimensions	6×M6@D50 mm
Rated output power (Max continuous)	5330 W		

Specification II

KV	60 KV
Battery (LiPo)	LiPo-24S (92V)
No-load current	≤10.8 A (92V)
Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	213 A
Rated thrust	30~35 kg (92V@42x16.5)
Max thrust	70.6 kg (92V@42x16.5)
Resistance	14.97~15.89 mΩ
Wire size	enameled wire direct lead-out
Three-phase wires length	150±10 mm
Magnetic encoder cable length	175±10 mm
Weight (With cable)	2160 g