

## V6212 Motor Specification

### Specification I

Model	V6212-180KV	Protection level	IPX5
Motor size	Φ68.7*H36.3 mm	Slot & Pole	24N22P
Stator size	Φ62*H12 mm	Dynamic balance	≤10 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@D12mm, 4*M3@D18 mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4*M4@D25 mm
Rated output power (Max continuous)	604 W		

### Specification II

KV	180 KV
Battery (LiPo)	LiPo-12S (46V)
No-load current	1.53 A
Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	58 A
Max thrust	11.1 kg
Resistance	84 mΩ
Wire size	16 AWG
Wire length	600 mm
Weight (With cable)	292 g