

## M4006 HighProt Motor Specification

### Specification I

|                                     |   |                           |                     |
|-------------------------------------|---|---------------------------|---------------------|
| Model                               | M4006 HighProt-330KV  | Protection level          | IP45                |
| Motor size                          | Φ44.4*H19.7 mm  | Slot & Pole               | 18N24P              |
| Stator size                         | Φ40*H6 mm   | Dynamic balance           | ≤5 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       | Φ4 mm               |
| Magnet                              | 180 °C  | Props mounting dimensions | 4×M3@D12 mm         |
| Isolation test                      | 500V AC high voltage resistance test  | Motor mounting dimensions | 4×M3@D25 mm         |
| Rated output power (Max continuous) | 79 W  |                           |                     |

### Specification II

|  |                               |
|--|-------------------------------|
| KV   | 330 KV                        |
| Battery (LiPo)   | LiPo-6S                       |
| No-load current  | 0.58 A                        |
| Maximum current (Non-hermetic<br>Ambient Temperature ≤ 25°C) | 15.8 A                        |
| Max thrust   | 2.3 kg                        |
| Resistance   | 218.5 mΩ                      |
| Wire size  | enameled wire direct lead-out |
| Three-phase wires length                                     | 50 mm                         |
| Weight (With cable)  | 72 g                          |