

## **Scorpion January News Motors & Lock Strap**

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At Scorpion, they are consistently strive to deliver the best products, and to always offer something different for everyone. Today we are excited to announce the launch of several new items like a new 2205 and 2215 brushless engine for multicopter and a new lock strap for battery packs.

### **Scorpion M-2212-930KV Motor**

Scorpion M-2212-930kv has been specifically constructed to perform less vibration overall, and to give a more stable and efficient performance as the result of longer flight time eventually. This makes the Scorpion M-2212-930kv one of the best choices for aerial photography. The motor can be powered by 3 cells, and up to 4. There are no modifications necessary to replace the original motor. Each package includes 1 motor, mounting plate, standard bolt-on propeller adapter, securing collar, and a set of screws.



**Scorpion Power System**  
[www.scorpiionsystem.com](http://www.scorpiionsystem.com)



**M-2212-930KV**

M-22 Bullet Prop Adapter  
M-22 Prop Adapter for DJI Phantom

**The Power System of Champions!!**

### **Technical Data:**

Stator Diameter	22 mm(0.866 in)
Stator Thickness	12 mm(0.472in)
No. of Stator Arms	12
Magnet Poles	14
Motor Wind	24 Turn Delta
Motor Wire	3-Strand 0.21 mm
Motor Kv	930KV RPM/Volt
No-Load Current (Io/10V)	0.35Amps
Motor Resistance (Rm)	0.169 Ohms
Max Continuous Current	13 Amps
Max Continuous Power	218 Watts
Weight	51.8 Grams (1.83 oz)
Outside Diameter	27.9 mm (1.097 in)
Shaft Diameter	2.98 mm (0.11 in)
Body Length	31.5mm (1.24in)
Ovrall Shaft Length	33.7mm (1.33 in)

Max Lipo Cell	4cells
Motor Timing	5deg
Drive Frequency	8kHz

## **Options for M-22 Serie Motors**

### **Scorpion M-22 prop adapter (for DJI Phantom use)**

This high quality aluminum adapter is designed for the Scorpion M-2212-930kv and M-2208-2000kv to use with the original either aftermarket self-tightening propellers for DJI used. Each package includes 2 bolt-on adaptors (1 x CW and 1 x CCW) and a set of screws.

### **Scorpion M-22 Bullet Prop Adaptor**

This high quality aluminum adaptor is designed for the Scorpion M-2212-930kv and M-2208-2000kv. It can use up to 6 inches propeller. Each package includes 2 bolt-on adaptors (1 x CW and 1 x CCW), 2 bullet locks (1 x CW and 1 x CCW) and a set of screws.

## **Scorpion M-2205-2350kv - Stealth Edition**

This motor will nicely compliment your FPV Racer, and comes in a sleek black colour--different from the usual black and gold. Similar to the M-2205-2350KV, the Stealth Edition is designed for larger and higher speed race courses, and is powered by the 3S to 4S LiPo battery. It uses a 5 to 6 inch propeller and is a powerful motor for the Scorpion Sky Strider 280, and all other kinds of FPV racers.

Each packaged unit includes 2 motors (1 x CW and 1 x CCW), as well as 2 bullet type propeller lock nuts (1 pc x gold colour and 1 pc x black colour).

This item is limited edition, and only has 850 units available. It will not be continued, so it is a great collectable item.



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*Stealth Edition* **SCORPION**  
**M-SERIES**  
**M - 2205 - 2350KV**

**The Power System of Champions!!**

### **Technical Data:**

Stator Diameter	22.0 mm (0.87 in)
Stator Thickness	5.0 mm (0.197 in)
No. of Stator Arms	12
Magnet Poles	14
Motor Wind	22 Turn Delta
Motor Wire	4-Strand 0.21mm
Motor Kv	2350 RPM / Volt
No-Load Current (Io/10V)	0.88 Amps
Motor Resistance (Rm)	0.775 Ohms
Max Continuous Current	25 Amps
Max Continuous Power	420 Watts
Weight	30.6 Grams (1.08 oz)
Outside Diameter	27.9 mm (1.09 in)
Shaft Diameter	2.98 mm (0.12 in)
Body Length	21.35 mm (0.84 in)
Output Shaft Length	12 mm (0.47 in)

Max Lipo Cell	4s
Motor Timing	5deg
Drive Frequency	8kHz

## Scorpion Lock Strap (XS)

Just like the other straps in the series, the Scorpion Lock Strap (XS) provides unique binding features, and is suitable for all different types of small R/C products. 190 mm (L) x 16 mm (W) which the size is also specifically constructed to use on all 250 to 300 class FPV racers currently on the market.



