

# AERO-MATE TANK BRUSHLESS SYSTEM

Specially designed for application of Aero-Mate Tiger I

## 1 AM-25A-V2.0 Tank ESC \*2

## 2 AM2210 SE BRUSHLESS MOTOR \*2

### 1 AM-25A-V2.0 Tank ESC

1.1 **Output:** Continuous current 25A, burst current 90A.

1.2 **Input:** 4-9 cells NiMH/NiCd or 2-3 cells LiPo.

1.3 **BEC Output:** 6V/1.5A.

1.4 **Resistance:** 0.005 Ohm.

1.5 **Motor Supported:** Sensorless Brushless Motor

1.6 **Suitable Brushless Motor:**

▶ With 4-6 cells NiMH/NiCd or 2 cells Lipo: AM2210 SE

▶ With 6-9 cells NiMH/NiCd or 3 cells Lipo: AM2210 SL(Testing)

1.7 **Suitable:** application for 1/16 Tank

1.8 **Size:** 31.5mm(L) \* 27.5mm(W) \* 24mm(H).

1.9 **Weight:** 30g(Without wires)

2.1 Specially programmed for AM2210 SE.

2.2 Use top quality electronic components to enhance the current endurance ability of the ESC.

2.3 Excellent start-up, acceleration and linearity features.

2.4 running mode: Forward/Backward mode

2.5 With 100% of maximum reverse force.

2.6 Proportional ABS brake function with 4 steps of maximum brake force adjustment, 8 steps of drag-brake force adjustment and 4 steps of initial brake force adjustment.

2.7 start modes:"Soft" .

2.8 Multiple protection features: Low voltage cut-off protection for lithium or nickel battery / Over-heat protection / Throttle signal loss protection / Motor blocked protection.

2.9 Best timing adjustment to get the best compatibility with AM2210 SE.

2.10 Easily program with only one button and compatible with pocket-sized program card.

For detail information, please read the user manual for reference

## 2 AM2210 SE BRUSHLESS MOTOR

14poles motor: more torque for low speed movement

1.1 **Output:** Continuous current 18A, burst current 23A.

1.2 **Input:** 4-6 cells NiMH/NiCd or 2cells LiPo.

1.3 **KV:**1800

1.4 **Noload current:**1.7A

1.5 **Suitable :** application for 1/16 Tank

1.6 **Weight:** 45g( with wires and connectors)

1.7 **Size:** Diameter 28.5mm \* Length 41.5mm.

