800MX MOTOR

Power and torque requirements of enthusiasts, the high output 800MX motor was born in Align’s R&D lab. With dramatic increase in torque and power output, capable of 4440 watts continuous power output and 8800 watts of burst power! 800MX Motor has passed various thorough inspections made by our technical department, including motive testing, static testing, magnetic field testing, heat resistance and magnetic loss testing, running balance and vibration testing, noise testing, and many hours of actual loading and flying testing, etc. Align is proud to provide the latest innovations in RC Modeling to its consumers. Please enjoy your Align products safely.

SPECIFICATION 尺寸规格

<table>
<thead>
<tr>
<th>KV</th>
<th>Stator Diameter</th>
<th>Input Voltage</th>
<th>Stator Thickness</th>
<th>Max Continuous Current</th>
<th>Max Continuous Power</th>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>KV值</td>
<td>定子外径</td>
<td>定子电压</td>
<td>定子厚度</td>
<td>最大连续电流</td>
<td>最大连续功率</td>
<td>尺寸</td>
</tr>
<tr>
<td>440KV(RPM/V)</td>
<td>45 mm</td>
<td>125</td>
<td>30mm</td>
<td>10</td>
<td>200A(2sec/2秒)</td>
<td>约508g</td>
</tr>
</tbody>
</table>

The motor rotates in different direction with different brand ESCs. If the wrong rotating direction happens, please switch any two makes to the motor rotates in right direction.

由於各品牌電子變速器的馬達啓動時同不盡相同，若發生相反問題時，請將馬達與電子變速器的相線任兩條對調即可。

FEATURES 特性說明

1. 800MX features high efficiency, superior power, excellent torque, low current draw and low temperature; It’s capable of maintaining consistent torque and head speed through continuous F3C manoeuvres.

2. Due to the 800MX’s high efficiency and low current draw, the standard equipment 120A electronic speed controller are sufficient to experience the power of this motor, and extend battery longevity.

3. The 800MX motor armature had a special balance adjust to improve the serious shaking problem.

4. Maintenance Free, high torque, high efficiency, stable and quiet.

5. High-speed ball bearings, powerful magnetic outrunner rotor.


1. 800MX馬達有高效率、大動力、高扭力、低電流及高耐熱之優點, F3C大舵角的動作可以獲得高扭力輸出，整機飛行都能維持一致的動力輸出，主要飛行員維持在固定的高度，不掉離。

2. 800MX馬達的高效率、低電流表現，電子變速器只需要標準120A的標準配備，就能完全展現馬達的威力，與延長電池的使用壽命。

3. 800MX馬達轉子已經經過特殊平衡改善，改為一般機外轉外轉機轉運不佳，易產生嚴重震動的缺失。

4. 低反饋，高扭力，高效率，低噪音，低溫昇，控制穩定。

5. 高速滾珠軸承，高強度外轉子。

6. 適用於T-REX 700E/800E F3C。