

# 工业无人机用电机

Motor for Drones

EXEDY

开发中

Under Development

## 概念

Concept

### 有助于延长无人机飞行时间的高效、轻量的无人机电机

Highly efficient, lightweight, drone motor that contributes to extending the flight time of drones

## 特点

Feature

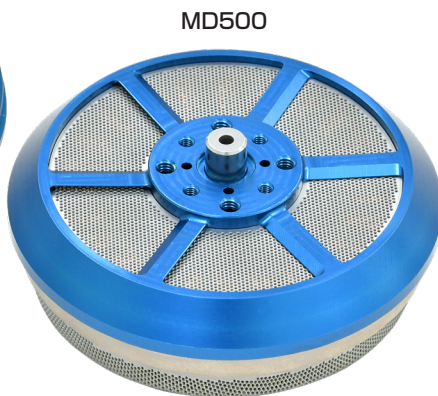
- **低损耗磁路设计降低了高转速范围内的损耗**  
Low loss magnetic circuit design reduces loss in high rpm range
- **通过 FEM 分析进行结构优化、实现大幅度的轻量化**  
Achieves significant weight reduction by structural optimization by FEM analysis
- **使用防尘网提高稳定可靠性 (MD500, MD650)**  
Uses dustproof mesh to improve reliability (MD500)

## 构造 / 外观

Structure / Appearance



MD300



MD500



MD650

## 电机规格 Motor specifications

产品编号	Product number	MD300-1NN	MD500-1NN	MD650-1NN
尺寸	Dimensions	Φ62mm × L29mm	Φ84mm × L30mm	Φ84mm × L35mm
重量	Weight	170g	315g	425g
额定输出	Rated Power	300W	500W	650W
最大转速	Max rotation speed	10,000r/min	6,000r/min	7,200r/min
电压	Voltage	22.2V(LiPo-6S)	44.4V(LiPo-12S)	44.4V(LiPo-12S)
KV值	RPM/V	420	125	150
适用螺旋桨尺寸	Applicable propeller size	13~15inch	26inch	27inch