

# LD-Power Technology Co., Ltd

## Who we are and what we do:

**Rc car/rc airplane/UAV/FPV/Gimbal/Drones  
/Multicopter/Agriculture brushless motor supplier**

- Founded in 2010, ISO9001; 2000 certifications
- Developing & manufacturing & marketing
- 1500m<sup>2</sup> plant area, 80 staff
- Our brushless motor used in RC car, rc airplane, UAV, FPV, Gimbal, and rc boat
- Providing OEM/ODM service
- Our goal: to be the best reliable brushless motor supplier in RC model, UVA copter for franchiser and hobbyist

## Our advantages :

- The **1<sup>st</sup> to develop** Micro gimbal motor for Gopro camera
- The **1<sup>st</sup> to develop** power system for the beginners
- The **1<sup>st</sup> to develop** the copter motor with competitive price and remarkable quality
- The **80% gimbal motors** are produced by LD-power technology
- OEM/ ODM for special requirements



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## Production control

- Strictly abide by 6S standard production control
- 40 refined process during production
- Strictly monitoring while processing
- Abiding by "2 Check, 3 Don't "Principle (Recheck, self-check; Don't use defective material; don't make defective products; Don't outflow defective motors)
- Advanced production equipment's: Winding machine , Dynamic balance machine , Magnet Sticking machine , Antioxidant salt spray tester , Rockwell hardness tester , Noise tester , High and low Voltage tester
- The fully enclosed load test room

## Quality control:

- **Strictly material detection:** Unified regulated file drawing
- **Precise test tool:** plug gauge , Caliper, micro caliper, flux meter, magnifying glass , dial indicator, height gauge, gauss meter, puncture tester
- Over 5% detective material, returning back
- **Monitoring important process:** Winding, low-resistance test, insulation and voltage resistance test, sample confirm, balance test
- 3 lines of defense before shipment: No load test(Current, KV, Balance)
- **Load test:** (Current, Thrust, Temperature rise, noise, using life)

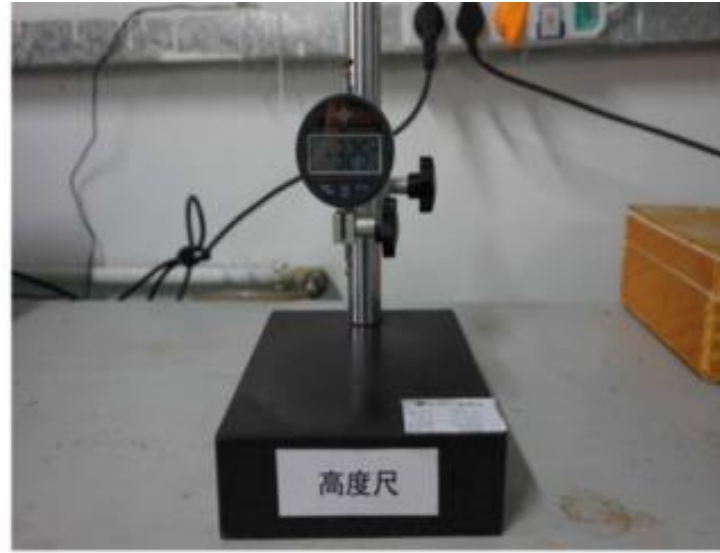
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fluxmeter



Rockwell apparatus



height gauge



Dynamic balance test machine



Puncture tester



No load tester



dial indicator



Salt spray tester

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## Power system



150 4pcs 1306 motors, 4pcs 6A ESC, 4pcs 4045 props

200 4pcs 1806 motors, 4pcs 10A ESC, 4pcs 5030 props

250 4pcs 2204 motors, 4pcs 15A ESC, 4pcs 6030 props

300 4pcs 2212 motors, 4pcs 20A ESC, 4pcs 9545 props

310 4pcs 2213 motors, 4pcs 20A ESC, 4pcs 9545 props

600 4pcs 3508 motors, 4pcs 30A ESC, 4pcs 13\*5.5 props

800 4pcs 3510 motors, 4pcs 30A ESC, 4pcs 15\*5.5 props

1200 4pcs 4114 motors, 4pcs 40A ESC, 4pcs 15\*5.5 props

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## Multicopter Motor—MT series

LD-POWER **MT series** is made for multicopter motor. Special dispassion design, high-quality work, suitable for various multicopter and propeller



Durable structure with thicker front cover design, prevent consumption of the forced area from installation problem.

Three-layer surface processing: copper,chrome and nickel plating

Dynamic Balance $\pm 5$ mg,  
0.2stator, NMB/EZO Bearing

- ◆ MT1306
- ◆ MT1806
- ◆ MT2204
- ◆ MT2206
- ◆ MT2212
- ◆ MT2312
- ◆ MT3508
- ◆ MT4114
- ◆ MT5008
- ◆ MT5208
- ◆ MT6010
- ◆ MT7010
- ◆ MT8010
- ◆ MT9010
- ◆ MT10010

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## Multicopter Motor—S series

Upgraded version of MT, Single winding

One-single line design, more tidy and good-looking while

keeping the same efficiency as MT



Single-wire design

◆ S2204

◆ S2206

Three-layer surface

◆ S2212

Processing : copper, chrome and  
nickle plating

◆ S2312

Import Kawasaki Stator, NMB/EZO  
bearing, good balance

◆ S3508

Durance structure with thick front  
cover design, prevent consumption of  
the forced area from installation  
problem

◆ S4114

◆ S5008

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## Multicopter Motor—M series

**M series** Designed for LD-power Power system. Safety, efficient, long duration of flight time.



Import Kawasaki stator, NMB/EZO Bearing. Three-layer surface processing: copper, chrome and nickel plating

Various mounting way. Super Power

Special lead wire hole design, more beautiful and convenient installation

Using special gold connector, more current and can avoid bad connect problems

◆ M2204

◆ M2212

◆ M2810

◆ M3508

◆ M4108

◆ M4114

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Micro 250 copter, designed for micro 250

- ◆ MT1306
- ◆ MT1804
- ◆ MT1806
- ◆ MT2204 M2204
- ◆ S2204
- ◆ MT2206 S2206





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Designed for 450-Phantom

- ◆ MT2212 M2212 S2212
- ◆ MT2213
- ◆ MT2312



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## 550-600 Hexacopter/Octocopters

- ◆ MT3110
- ◆ MT3508 M3508 S3508
- ◆ MT3510 M3510 S3510
- ◆ MT3515
- ◆ MT3520
- ◆ MT4010
- ◆ MT4108 M4108
- ◆ MT4114 M4114
- ◆ MT5008 S5008
- ◆ MT5206
- ◆ MT5208



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## Agriculture motor

- ◆ MT5208
- ◆ MT5215
- ◆ MT6015
- ◆ MT8010
- ◆ MT8020



Enclosed waterproof design

Qualitative materials  
Refined process to  
assure using life

8020 the thrust  
could be 12.5kg

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## Gimbal motor

- ◆ The first to develop gimbal motor: GBM2208
- ◆ 80% gimbal motors are from LD-Power
- ◆ Various type of gimbal motor: Solid shaft, hollow shaft, with slip ring, sensed...



Item: 1806 2208 2212 2606 2608 2804 2808 3506 3508 4008 4108 4114 5208

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## Airplane 、 EDF motor

RC-plane, EDF motor

Rich experience, stable performance, quality assurance

### 28 series

2822/2826/ 2830/ 2836/

### 35 series

3530/ 3536/ 3542/ 3548

### 42 series

4250/ 4260

### 50 series

5045/5055/5065

### 63 series

6355/6365/6375



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## Racing car motor

2P sensed 10.5T, 13.5T, 17.5T, 21.5T Competition motor  
High output power, specialized design for STOCK



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## Racing car motor



Item No. : LD-4686  
KV(RPM/Volt): 1350kv  
Grade: 4<sup>th</sup> class  
Max Amps: 125A  
Max Voltage: 25v  
Max Power: 4200W  
Resistance: 5.9mΩ  
Motor dimension: 46\*86mm  
Length of extended shaft: 22mm  
Shaft diameter: 5mm  
No load current(7.4v): 3.9A  
Weight : 608g  
Applied models: 1:5  
Applied brand: ARRMA: ARA110002T1  
ARA110002T2

NEW

### Features:

1. Super high efficiency
2. Silicon steel with low iron damage from Japan Kawasaki, Large torque, strong power, high consistency;
3. Imported Japanese NSK shaft, super smooth and low noise, good balance
4. 6.5mm female connector,
5. Aero grade aluminum case, elegant outlook , good heat dissipation
6. Strong explosive force and stable output power



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