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# P60 Pin KV170 Waterproof Agricultural UAV Motor with Max 8.4kg Thrust

\$107.90

Available points: 5000 Points | Points reward: 107 Points

- More power & efficiency than same class motor
- Stability, Reliability
- Compatibility & Durability

Parameter: 

Without Pin KV170

Pin KV170

Without Pin KV340

Pin KV340

Quantity: 

— 1 +

## Relevant Products



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P20\*6 Prop-2PCS/PAIR

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P22\*6.6 Prop-2PCS/PAIR

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ALPHA 80A 12S Waterproof FOC Brushless ESC for UAVs

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### About LIGPOWER P60 Pin Agricultural UAV Motor KV170

LIGPOWER P60 Pin kv170 Pin Agricultural UAV Motor, offering a maximum thrust of 8.4kg and over 1800W of power. With a lightweight design and optimized stator structure, it delivers high thrust while reducing weight. Its 24N28P configuration minimizes vibration, extending motor life and reducing noise. Built to withstand impacts, it's impact-resistant and features a dustproof, waterproof exterior for reliable operation in various environments. Ideal for agricultural UAVs, the P60 ensures smooth, reliable performance.

#### P60 Pin KV170 Highlights:

##### 2.8KG+ Thrust

Weight decrease is achieved by optimizing stator structure while maintaining its mechanical strength, Manual winding helps increase slot fullness for thrust above 8kg with power of more than 1800W.

##### Low Noise, Stable & Reliable

24N28P configuration reduces motor vibration in operation for motor wear reduction, service life extension and noise reduction. Motors run more smoothly than motors with general configuration at max. throttle.

##### Impact Resistant

Optimized machining precision and motor structure with motor core part protection effectively avoids cases as to the failure in motor utilization after crash and impact

Dustproof, Waterproof & Cooling Closed exterior and lattice structure take account of both dustproof, waterproof and cooling effects which handles usage in various

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**Matching Guide:**

[LIGPOWER CF22\\*6.6 Prop / FLAME 60A 12S ESC 12S](#)

If you have any questions or inquires, please contact us: [onlinesales@ligpower.com](mailto:onlinesales@ligpower.com)

"P Type" are a series of motors we designed for agriculture and plant protection. P60 (max. thrust 8.4kg) and P80 (max. thrust 18kg ) from P Type are with enclosed appearance to protect the motor from foreign matters and pesticides.

With standardization of UAV industry segment, the requirements of users are growing rapidly. LIGPOWER, having always been keen in providing "the Safest Propulsion System", is now releasing P-SEREIS motors for agricultural application with powerful thrust and high performance after tremendous tests. P-SERIES motors are capable of working in demanding environment with reliability and long service life.

**P60 SETUP REFERENCE**

Motor	P60-KV340	P60-KV340	P60-KV170	P60-KV170
CF prop	22*6.6CF	22*6.6CF	22*6.6CF	22*6.6CF
ESC	Flame60A 12S	Flame60A 12S	Flame60A 12S	Flame60A 12S
Voltage	6S	6S	12S	12S
Battery	22Ah	22Ah	22Ah*2	22Ah*2
AUW	Quad/10-15KG	Hexa/20-25KG	Quad/18-22KG	Hexa/25-30KG
Flight Time	14-24mins	8-11mins	22-33mins	15-18mins



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P60+P22\*6.6+Flame60A

Max thrust: 6.8KG@6S ,8.5KG

With standardization of UAV industry segment, the requirements of users are growing rapidly. Having always been keen in providing “the Safest Propulsion System”, is now releasing P-SEREIS motors for agricultural application with powerful thrust and high performance after tremendous tests. P-SERIES motors are capable of working in demanding environment with reliability and long service life.



Thrust 8KG+



Low Noise



Stable & Reliable



Impact Resistant



Dustproof & Waterproof  
(IP35)



Anti-corrosion Coil

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## 8KG+ Thrust

Weight decrease is achieved by optimizing stator structure while maintaining its mechanical strength. Manual winding helps increase slot fullness for thrust above 8kg with power of more than 1800W.

## Low Noise, Stable & Reliable

24N28P configuration reduces motor vibration in operation for motor wearing diminution, service life extension and noise debasement. Motors run more smoothly than motors with general configuration at max. throttle.

## Impact Resistant

Optimized machining precision and motor structure with motor core part protection effectively avoids cases as to the failure in motor utilization after crash and impact.

## Dustproof , Waterproof & Cooling

Closed exterior and lattice structure take account of both dustproof, waterproof and cooling effects which handles usage in various environment.

## Anti-corrosion Coil

Special coating gets the coil free of corrosion from pesticides.



# CONVENIENT

Self-locking method for easy prop assembly and disassembly.

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P21\*6.3 Prop-2PCS/PAIR

¥124.9



NS17\*5.8 Prop-2PCS/PAIR

¥72.99

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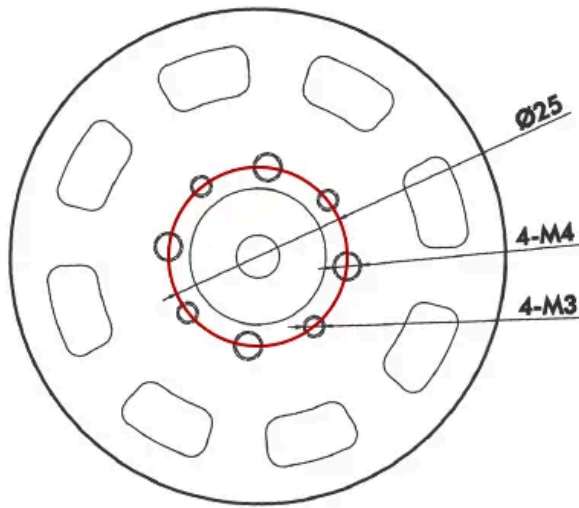
Detail information

Specifications

Hot Products

P80III Without Pin KV100 Heavy Lift  
Agricultural UAV Motor with 16kg Max...

¥199.9



## EXTENSIVE COMPATIBILITY

standard mounting holes are for 22”  
carbon fiber propellers. Meanwhile, there are M4 and M3  
mounting holes on the motor base for different frames.

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## Diverse Applications

P60 motors are not confined in plant protection field. It can also be employed on VTOL planes.

### Recommendations

Motor	P60-340KV	P60-170KV
CF Prop	22*6.6CF	22*6.6CF
ESC	Flame60A 12S	Flame60A 12S
Volts	6S	12S
Battery	22Ah	22Ah*2
AUW	Quad/18-22KG	Quad/20-25KG



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