



DRONE MOTORS

Precision brushless propulsion for FPV, multi-rotor, fixed-wing and vertical-lift UAV platforms.

2026 PRODUCT CATALOG

www.bgs-motor.com | support@bgs-motor.com



FPV Motors

High-response brushless outrunner motors engineered for racing, freestyle, cinematic and long-range FPV platforms.



Fast throttle response and strong power density

Low-vibration operation for stable aerial imaging

Broad KV and frame-size coverage

REPRESENTATIVE SERIES	F2807	F2812	F3115	F4214	F5315
-----------------------	-------	-------	-------	-------	-------

Model availability and specifications may be customized for voltage, KV, shaft, winding and application requirements. Contact our engineering sales team for selection support.

Multi-Rotor Motors

Efficient propulsion solutions for aerial photography, industrial inspection, surveying and heavy-lift multirotor aircraft.



- Balanced efficiency, torque and payload capability
- Reliable performance for long-duration missions
- Solutions for compact through heavy-lift UAVs

REPRESENTATIVE SERIES	P3508	P4108	P5010	H505	H160
-----------------------	-------	-------	-------	------	------

Model availability and specifications may be customized for voltage, KV, shaft, winding and application requirements. Contact our engineering sales team for selection support.

Fixed-Wing Motors

Purpose-built motors for mapping, surveying, endurance flight and fixed-wing UAV propulsion systems.



Optimized for smooth cruising and endurance

High efficiency across practical propeller ranges

Suitable for mapping and VTOL fixed-wing aircraft

REPRESENTATIVE SERIES	FW2814	FW3530	FW525B	FW6010	FW7020
-----------------------	--------	--------	--------	--------	--------

Model availability and specifications may be customized for voltage, KV, shaft, winding and application requirements. Contact our engineering sales team for selection support.

Vertical Motors

High-torque motors designed for vertical-lift, VTOL and demanding UAV applications requiring stable thrust.



Stable lifting force and responsive control

Durable structure for repeated takeoff cycles

Configurable voltage, KV and payload options

REPRESENTATIVE SERIES	V2212	V3508	V4108	V505	V6015
-----------------------	-------	-------	-------	------	-------

Model availability and specifications may be customized for voltage, KV, shaft, winding and application requirements. Contact our engineering sales team for selection support.

LET'S BUILD YOUR UAV PROPULSION SYSTEM

Share your aircraft type, propeller, battery voltage, target payload and flight-time requirements. Our team will recommend a suitable motor and propulsion configuration.

EMAIL	WHATSAPP	WEBSITE
support@bgs-motor.com	+86 135 6603 3299	www.bgs-motor.com