

# Q2812 Brushless Motor

High Efficiency

High Torque

Brushless  
Aircraft Motor

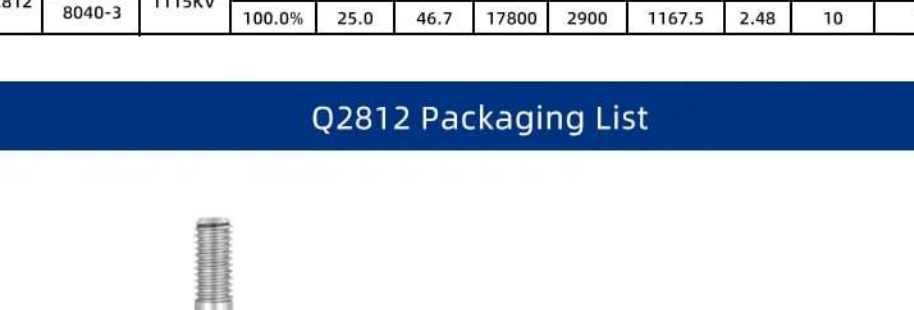
Suitable for 7/8/9 inches FPV drones violent racing and long range drones



SEURE Q2812 Technical Parameter

| Model | KV Value | Slot Pole | Shaft Diameter | Stator Size | Silicone Wire Specifications | Motor Weight (including Wire) | No load Current (10V) | Working Voltage | Test Voltage | Maximum Current | Maximum Power |
|-------|----------|-----------|----------------|-------------|------------------------------|-------------------------------|-----------------------|-----------------|--------------|-----------------|---------------|
|-------|----------|-----------|----------------|-------------|------------------------------|-------------------------------|-----------------------|-----------------|--------------|-----------------|---------------|

|       |        |        |     |         |              |     |      |      |     |       |         |
|-------|--------|--------|-----|---------|--------------|-----|------|------|-----|-------|---------|
| Q2812 | 1115KV | 12N14P | 5mm | 28*12mm | 18awg, 200mm | 74g | 1.9A | 4-6S | 25V | 46.7A | 1167.5W |
|-------|--------|--------|-----|---------|--------------|-----|------|------|-----|-------|---------|



SEURE Q2812 Test Data

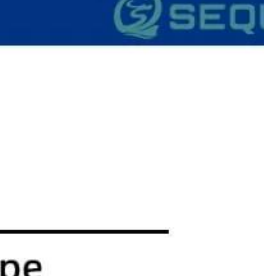
| Model | Propeller | KV Value | Throttle Point (%) | Voltage (V) | Current (A) | Speed (rpm) | Pulling Force (g) | Force Efficiency (g/W) | Power (W) | Duration (s) | Motor Temperature (°C) |
|-------|-----------|----------|--------------------|-------------|-------------|-------------|-------------------|------------------------|-----------|--------------|------------------------|
|-------|-----------|----------|--------------------|-------------|-------------|-------------|-------------------|------------------------|-----------|--------------|------------------------|

|       |               |        |        |      |      |       |      |        |      |    |     |
|-------|---------------|--------|--------|------|------|-------|------|--------|------|----|-----|
| Q2812 | GEMFAN 8040-3 | 1115KV | 50.0%  | 25.0 | 8.9  | 11000 | 1080 | 222.5  | 4.85 | 10 | 53  |
|       |               |        | 100.0% | 25.0 | 46.7 | 17800 | 2900 | 1167.5 | 2.48 | 10 | 142 |

Q2812 Packaging List



Brushless Motor x 1



Accessories package x 1

Please check whether all the above items are included in the package before using. If anything is missing, please contact the online service staff as soon as possible.

## PRODUCT INFORMATION



## Racing Car Design Full Of Beauty

This design is inspired by the shape of a racing car and has a strong visual impact.



## Optimize Heat Dissipation, Reduce Temperature Rise

Expand the windward area, optimize airflow direction, and meet the needs of long-duration flight.



## Small Air Gap High Efficiency

Precision processing and ingenious assembly have resulted in a violent work of art.



## Solid Material Durable And Long-Lasting

Imported NMB bearings, high-quality reinforced magnet with high temperature resistance, high strength lightweight aviation aluminum alloy.



## 7/8/9 Inch Propeller

Suitable for FPV drones violent racing and long range drones



## PRODUCT INFORMATION



## Product Photograph



74g