

QuicRun WP 8BL150 G2

Brushless Electronic Speed Controller

Best Combination: QuicRun 4268/4274 G2



Intelligent
freewheeling
technology



Upgrade BEC



Efficient
cooling
system



Durable
electronic
switch



Capacitor
overheating
protection



Super large
built-in
capacitor



Applicable to
All Weather
Track Conditions

QuicRun WP 8BL150 G2

Innovative intelligent freewheeling technology, high efficiency and low temperature

The innovative intelligent freewheeling technology enables the ESC to have higher driving efficiency and lower operating temperature. The stability and reliability of the ESC is further improved.

Upgrade BEC

The BEC has been upgraded from the previous generation from 6V/3A to 6V/7.4V and is fully-adjustable. It is equipped with a continuous current of 6A, and up to a maximum current of 12A. It supports most high-voltage servos on the market.

Exceptional protection and operation

Equipped with excellent waterproofing and dustproofing performance to cope with various climatic conditions and harsh environments. The protection level of the ESC reaches IP67.

Note: The IP67 protection level mentioned above is splash-proof, water-proof, and dust-proof under normal use, but it is not permanently effective, and the protection performance may decline due to daily wear and aging. Do not soak in water for a long time, otherwise the product may be damaged.



Efficient cooling system

The internal power board of the ESC is covered with a patented copper heat conduction bus bar to help facilitate the rapid conduction of internal heat to the radiator. Additionally, a fan is added to dissipate heat. These constitute to a highly reliable cooling system to ensure that the ESC is always in a safe operating temperature.



Durable electronic switch

The upgraded electronic power switch solves the corrosion and impact damage that occurs frequently in traditional mechanical switches in dusty and humid environments. Accidental shutdowns are no longer an issue. The life-span of the switch is 50,000 times longer. It is waterproof, dustproof, and impact-resistant.

Capacitor overheating protection

Capacitor overheating protection feature can effectively prevent exploding customers due to overload usage. This helps to eliminate damages to the ESC.

Super large built-in capacitor

The built-in capacitor capacity of the ESC is as high as 2040 uF, and eliminates the need for external capacitors.

QuicRun WP 8BL150 G2

Applications: 1/8th Truck, Monster truck



Truck



Monster truck

Cont. / Peak Current: 150A / 950A

Motor Type: Sensorless / Sensored Brushless Motor
(only in sensorless mode)

Motor Limit: With 4S Lipo: KV ≤ 3000
With 6S Lipo: KV ≤ 2400 4274 size motor

BEC Output: 6V / 7.4V adjustable, continuous current 6A (Switch-mode)

Cooling Fan: Powered by built-in BEC

Size / Weight: 60(L) x 48(W) x 40.4(H)mm / 169.5g(included input wires)

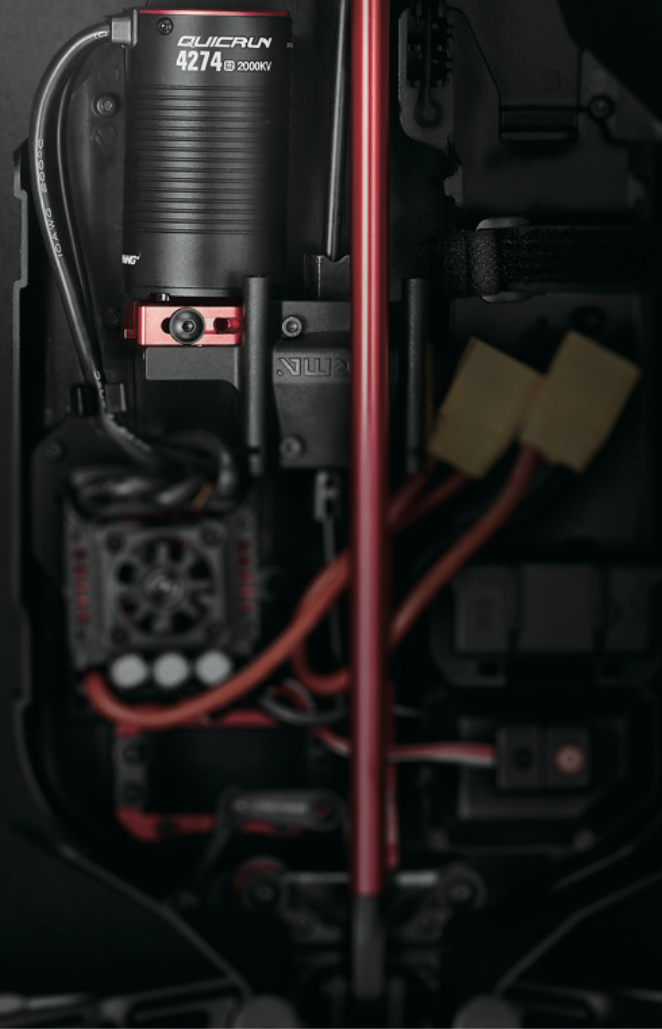
Lipo Cells: 3-6S Lipo

Programming Port: Shared with fan port

QuicRun 4268/4274 G2

Sensorless Brushless Motor

Best Combination: QuicRun WP 8BL150 G2



Perfectly compatible with



Increased efficiency



Asymmetrical bearing design



Solid materials



Silicone easier wiring



Good linearity and low loss



Blind hole thread design



Modular design

QuicRun 4268/4274 G2



Perfectly compatible with QuicRun WP 8BL150 G2

The motor perfectly paired with the QUICRUN WP 8BL150 G2 ESC. It is equipped with a standard 6.5mm male connector (low IR) to support plug and play on the system.



Increased efficiency and reduced temperature

The motor has ultra-high efficiency, resulting in extremely low temperature buildup. Compared with motors of the same specifications and under the same test conditions, the internal and temperatures are lowered by approximately 20°C and 12°C subsequently.

Asymmetrical bearing design, increases reliability and efficiency

The front end of the motor uses a precise large bearing structure to improve load-carrying performance; the rear end uses a precise small bearing structure with lower resistance; Having asymmetrical bearings increases reliability and efficiency.

Silicone easier wiring

The motor uses 10AWG silicone wire. Compared with straight out high-hardness enameled wire, the new wiring is simple and is aesthetically pleasing.

Solid materials, quality assurance

At Hobbywing, we take pride in our manufacturing process and the high-quality materials we use to build a motor. Adopting high-hardness aluminum CNC end cover, 0.2mm ultra-thin low-loss silicon steel sheet, Uses only the finest materials (stator, high temperature resistant wire(200°C), high temperature resistant explosion-proof rotor(180°C), high-precision grade bearings) that offer exceptional durability, maximum performance and consistency.

Note: The highest support is 55000RPM

Good linearity and low loss

The rotor is precisely balanced to reduce motor vibration and energy loss. It also further ensures good linearity of the overall powerband.

Blind hole thread design, highly compatible

The front end of the motor adopts a blind hole thread design to prevent the motor from being damaged due to long mounting screws; it also takes into account of M3 or M4 screw installation, which is compatible with various installation requirements.

Modular design, easy to disassemble and maintain

The motor adopts a modular structure design. It makes daily cleaning and maintenance convenient, effectively prolonging the life-span of the motor and maintaining the working efficiency of the motor.



QuicRun 4268/4274 G2

Applications

QuicRun 4274 G2: 1/8th Truck, Monster truck

QuicRun 4268 G2:

1/8th Buggy & 1/10th Monster truck



Buggy



Truck



Monster truck

QuicRun 4274 G2

KV: 2000KV

LiPos: 3-6S

No-load Current : 5.9A

Diameter/Length: φ=42mm (1.65") L=74.9mm (2.95")

shaft Diameter/ Length: φ=5mm (0.20") L=18.5mm (0.73")

earing size(mm): Front:D16*D5*T5 Rear:D13*D5*T4

Poles: 4

Weight: 477g

QuicRun 4268 G2

2600KV

3-4S

6.1A

φ=42mm (1.65") L=68.4mm (2.69")

φ=5mm (0.20") L=18.5mm (0.73")

Front:D16*D5*T5 Rear:D13*D5*T4

4

417g