HOBBYWING® | XeRUN

XeRUN XR14

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Sensored Brushless ESC

Best Combination: XeRun V10 G3/G4R

- High power output, excellent cooling
- Built-in reverse polarity protection circuit
- High-Voltage Servo Support with Built-in BEC
- Real-time Data Logging
- Extensive Parameter Adjustments
- Dual application modes

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Versatile Compatibility

While optimized for 1/14th Blinky and Boost racing, this ESC is also compatible with 1/10th Blinky competitions, offering flexibility across different racing formats.

Built for Competition

An all-round competition-grade ESC, meticulously designed with advanced software to deliver peak performance for both 1/14th on-road and off-road vehicles.

High power output, excellent cooling

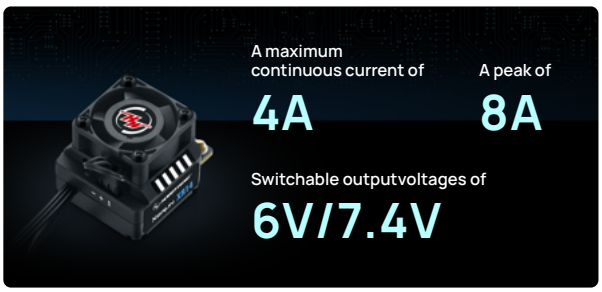
The maximum continuous output current of the ESC is as high as 70A. The full-metal heat sink top ensures efficient heat dissipation, keeping the ESC within safe operating temperature, even during intense use.

Built-in reverse polarity protection circuit

Built-in reverse polarity protection prevents damage from incorrect battery connection, safeguarding your ESC from potential issues caused by reverse battery polarity.

High-Voltage Servo Support with Built-in BEC

Equipped with a built-in switch mode BEC, this ESC provides a maximum continuous current of 4A and a peak of 8A, with switchable output voltages of 6V/7.4V. This ensures ample power supply to high-torque, high-voltage servos.



Real-time Data Logging for Performance Monitoring

The ESC features a built-in data logging function that tracks critical data such as minimum voltage, maximum current, RPM, ESC temperature, and motor temperature.

By connecting the ESC to the OTA Bluetooth module and the HW Link mobile app, users can monitor real-time data including throttle position, voltage, current, temperature, and RPM. The built-in memory in the OTA module allows data storage for post-race analysis through the app, enabling fine-tuning and detailed insights.

Note: **Bluetooth effective range is approximately 5 meters.**

Extensive Parameter Adjustments

The ESC offers 26 adjustable parameters, including PWM frequency, softening, initial throttle response, and Boost/Turbo timing. This provides precise control over power delivery, enhancing the driving experience with fine-tuned customization.

Warning: **Incorrect parameter settings may cause damage to the ESC and motor. Please refer to the user manual for guidance.**

Dual application modes

Designed with two pre-set modes, 1/14th On-Road and 1/14th Off-Road, this ESC is ready to race out of the box.

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Applications: 1/14th & 1/12th On-Road,Off-Road racing

On-Road　　Off-Road racing

Cont./Peak Current: 60A/150A
LiPo/NiMH Cells: 2S LiPo
BEC Output: 6V/7.4V @ 4A(Switch-mode)
Cooling Fan: Powered by the BEC voltage

Motor Limit:
KV≤6000 or ≥8.5T 2848(380)size motor
Size: 35.2 × 31.3 × 28.5mm (w/Fan)
Weight: 66g(w/ wires)
Programming Port: Shared with Fan port