

X series



Product description:

Reflex Drive's latest innovation is the Field Oriented Control (FOC) electronic speed controller (ESC), a cutting-edge solution that comes with an aluminium enclosure and is proudly made in India. The FOC ESC is designed to deliver unparalleled performance and efficiency, with advanced control algorithms that provide smooth and precise motor control. Its customizable firmware and advanced safety features make it the ideal choice for commercial drone operators who demand the highest level of performance and reliability. With its sleek and durable aluminium enclosure, the FOC ESC provides excellent heat dissipation and protection against harsh environmental conditions, making it the perfect choice for even the most challenging drone applications.

TEST VIDEO: [RD:E:X6.1 - RD:M:X6.1 -50A.mp4](#)

X series specifications

Continuous Current Range	60A-80A
Voltage	4S-12S
BEC	No
Max Operating Temperature	80 °C
Enclosure	Yes
Dimensions	122mmx50mmx25mm
Base	Yes
Telemetry	Yes
Current Sense	Yes
Communication Protocol	PWM
Waterproof Rating	IP3
Status	Production

X-series Product Range Overview

Continuous Current	Voltage	Heatsink Plate	Enclosure	Dimensions	Weight	Base	Telemetry	Current Sense	Part Number
60A	4S-12S (14.8v-44.4 V)		✓	122mmx50mmx25mm	226 grams	✓	✓	✓	RD-X-FC-060-12-E-BTC
80A	4S-12S (14.8v-44.4 V)		✓		240 grams	✓	✓	✓	RD-X-FC-080-12-E-BTC