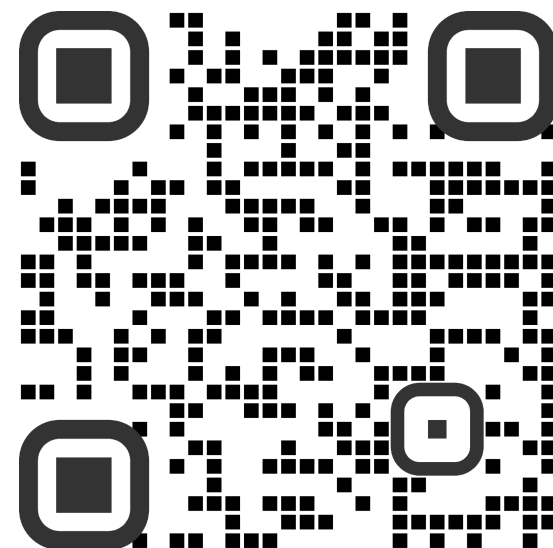




Your Partner In UAV Electronics

BLDC MOTORS
ELECTRONIC SPEED CONTROLLERS
PROPELLERS
INTEGRATED PROPULSION UNITS
CAPACITOR BANKS
POWER DISTRIBUTION BOARDS



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Product description:

Reflex Drive’s **Q Series** trapezoidal electronic speed controllers (ESC) offer a state-of-the-art solution to drive BLDC motors - and are proudly made in India.

The trapezoidal ESCs are designed to deliver superior performance and reliability, with customizable firmware and advanced safety features that make it the ideal choice for drone enthusiasts and commercial drone operators alike.

With its sleek and durable aluminium enclosure (optional), the trapezoidal ESC provides excellent heat dissipation and protection against harsh environmental conditions.

Q series Specifications	
Continuous Current Range	60A-100A
Voltage	6S-12S
Heatsink Plate Model	Refer Table
BEC	No
Max Operating Temperature	90 °C
Enclosure	Refer Table
Dimensions	97mmx46mmx22mm
Base	Yes
Telemetry	Refer Table
Current Sense	Refer Table
Communication Protocol	PWM, DShot300
Waterproof Rating	IP3
Status	Production

Q-series Product Range Overview

Continuous Current	Voltage	Heatsink Plate	Enclosure	Dimensions	Weight	Base	Telemetry	Current Sense	Part Number
60A	6S (24V)		✓	97mmx46mmx22mm	113 grams	✓	✓		RD-Q-TZ-060-06-E-BT
			✓		113 grams	✓	✓	✓	RD-Q-TZ-060-06-E-BTC
100A	12S (48V)		✓		113 grams	✓	✓		RD-Q-TZ-100-06-E-BT
			✓		113 grams	✓	✓	✓	RD-Q-TZ-100-06-E-BTC
80A	12S (48V)		✓		113 grams	✓	✓		RD-Q-TZ-080-12-E-BT
			✓		113 grams	✓	✓	✓	RD-Q-TZ-080-12-E-BTC

