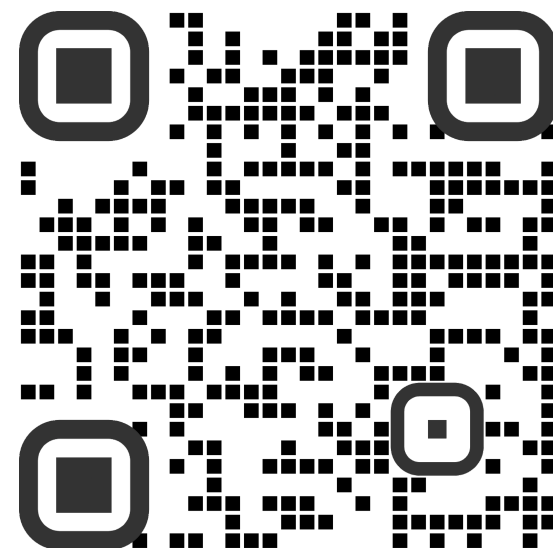




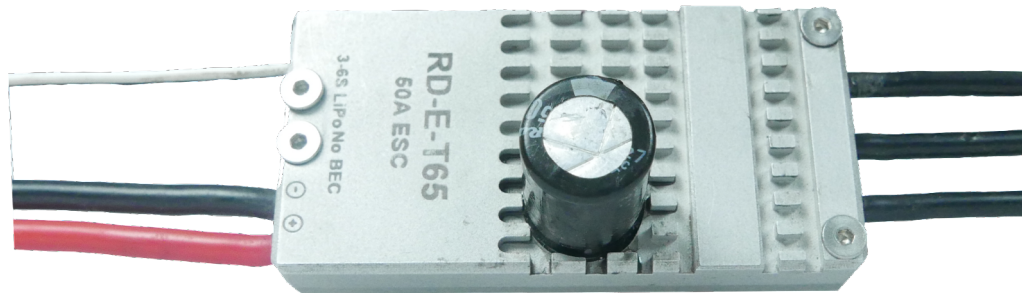
Your Partner In UAV Electronics

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



**STARTUP
INCUBATION AND
INNOVATION
CENTRE
IIT KANPUR**

S series



Product description:

Reflex Drive’s **S Series** trapezoidal electronic speed controllers (ESC) offer a state-of-the-art solution to drive BLDC drone 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.

TEST VIDEO: [ESC 107 - Xing 3110 - 6S - 40A.mp4](#)

S series Specifications

Continuous Current Range	15A-30A
Voltage	6S-12S
Heatsink Plate Model	Refer Table
BEC	No
Max Operating Temperature	80 °C
Enclosure	Refer Table
Dimensions	62mmx31mmx25mm
Base	Yes
Telemetry	Refer Table
Current Sense	Refer Table
Communication Protocol	PWM, DShot300
Waterproof Rating	IP3 (With Enclosure)
Status	Production

S-series Product Range Overview

Continuous Current	Voltage	Heatsink Plate	Enclosure	Dimensions	Weight	Base	Telemetry	Current Sense	Part Number
15A	6S (24V)	✓		62mmx31mm x25mm	28 gram	✓			RD-S-TZ-015-06-H-B
		✓			28 gram	✓	✓		RD-S-TZ-015-06-H-BT
		✓			28 gram	✓	✓	✓	RD-S-TZ-015-06-H-BTC
30A	12S (48V)	✓			28 gram	✓			RD-S-TZ-030-06-H-B
		✓			28 gram	✓	✓		RD-S-TZ-030-06-H-BT
		✓			28 gram	✓	✓	✓	RD-S-TZ-030-06-H-BTC
20A	6S (48V)		✓		57 gram	✓			RD-S-TZ-020-12-E-B
			✓		57 gram	✓	✓		RD-S-TZ-020-12-E-BT
			✓		57 gram	✓	✓	✓	RD-S-TZ-020-12-E-BTC

