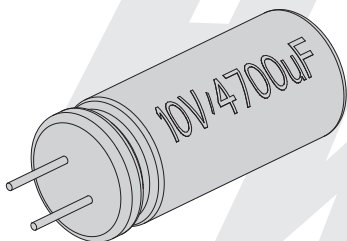


User Manual

BEC External Capped



Declaration

The safety can only be guaranteed when users use ESCs within the recommended range. Every ESC has its power limit, you can make it work with some high-power standard servos or servos with high backward-flowing voltage by adding an external capping but cannot guarantee that the BEC protection will be activated when using a servo with higher power consumption or backward-flowing voltage. Hence we strongly recommend users to follow the recommendation.

Introduction

This product is an external capping specially designed for ESCs with a built-in BEC, it's not a must. Users can connect this unit to the output end of the internal BEC in parallel when the BEC's loading capacity is insufficient or using high-power standard servos (i.e. DEKO3300, FutabaS9373SV and etc.) or the backward-flowing voltage exceeds the specified value.

Specifications

Capacitor: 10v 4700 μ F

Wires: 24AWG (Red/Black), 50mm

Connector: JR male connector

How to add an external capping to the connections

- Plug the JR connector of this capping into an idle channel on the FBL system controller (the capping cannot be plugged into the idle channel if the GND & Power wires of the motor RPM Signal Input Port of some FBL systems and other port are not connected in parallel), or an idle channel on the receiver (illustration 1).
- As the single-strand signal wire plugged into a channel on the receiver only took up one pin, then users can plug the ground & power wires of the capping into the unoccupied two pins next to the signal wire (illustration 2).
- If there is no idle channel, users can connect a thick and short Y harness (as thin and long Y harness will affect the capping's performance, so we don't recommend using it.) to the BEC output wires of the ESC in parallel (illustration 3).

