

ZTW
60F 6V Power
Capacitor Buffer
BEC Backup



ZTW 60F 6V Power Capacitor Buffer BEC Backup User Manual

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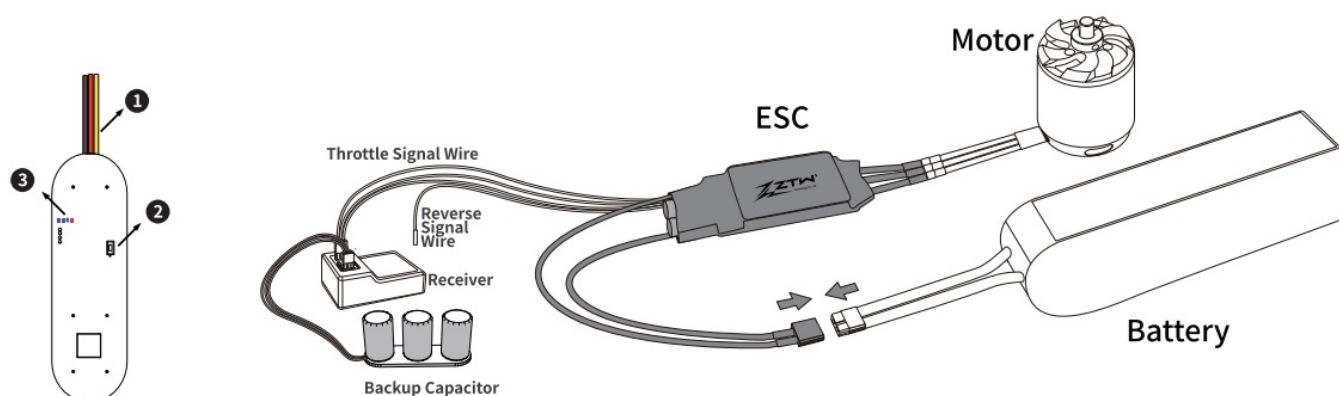
ZTW 60F 6V Power Capacitor Buffer BEC Backup



Product Specification

Model	Backup Capacitor 60F	Backup Capacitor 60F VI	Backup Capacitor 25F	Backup Capacitor 25F VI
Size	60*50*23 mm	73*48*19 mm	60*36*23mm	66*33*19mm
Weight	60g	64g	41g	38g
Input Voltage	6V~8.4V (Max 9V)	6V~12V (Max 13V)	6V~8.4V (Max 9V)	6V~12V (Max 13V)
Output Current	25A	25A	25A	25A

Connection Diagram



1. The Brown/Red/Orange cable: the brown wire is the GND wire, the Red wire is the Positive wire, and the orange wire is the signal wire, plug it into the receiver any available channel.
2. Switch
3. LED indicators

LED indicators

1. After connecting the backup capacitor with the Receiver (the Receiver is powered on), the backup capacitor's red LED flashes (around 3 seconds) for self-test, then start to be charged automatically.
2. The blue LED flashes in turn during the charging process, when the capacitor is fully charged, the LED will light solid blue.

Usage

1. The capacitor will automatically supply power to the receiver when the receiver was cut off power for some reasons, so that you still can control the servo and let the aircraft land safely.
2. Two ways to control, one way is by switch, the other way is by throttle signal. (The 3 PIN orange signal wire is equal to the switch function)
 - When the throttle channel is not connected, after connecting the backup capacitor with the Receiver (the Receiver is powered on), the backup capacitor's red LED flashes (around 3 seconds) for self-test, then start to be charged automatically.
 - When the throttle channel is connected, and the throttle frequency is in the range of 50hz~600hz, the backup capacitor is ON when the backup capacitor channel's throttle value is over 1500, it charges and

discharges normally; and the backup capacitor is OFF when the throttle value is less than 1500, the backup capacitor is not working.

Remark:

1. If use the throttle signal to control the capacitor on/off mode, the throttle signal value need to be more than 1500 when the ESC powered on, and you can set the throttle value less than 1500 after the ESC is powered off.
2. There is no responds when pressing the switch during the charging, the backup capacitor only can be switched off when the capacitor is not in charging status.

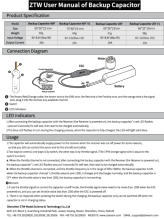
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Documents / Resources

	<p>ZTW 60F 6V Power Capacitor Buffer BEC Backup [pdf] User Manual 60F 6V, 12V 25A, 60F 6V Power Capacitor Buffer BEC Backup, 60F, 6V Power Capacitor Buffer BEC Backup, Capacitor Buffer BEC Backup, Buffer BEC Backup, BEC Backup</p>
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References

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