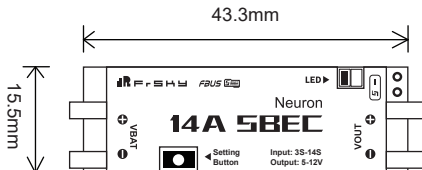


Introduction

The Neuron 14A SBEC offers users with a safe and efficient way to power the system with your power source connected. A built-in high-quality BEC unit, its design allows the voltage output port to be configured to supply 5V to 12V either by using the Press setting button on board, or alternatively by Lua script (on ETHOS) to quickly switch between the different voltages. The Neuron 14A SBEC can work under a maximum of 14A current loads, this also benefits from its heat-sink dissipation design.

Overview



Specifications

- Size: 43.3×15.5×13.5mm (L×W×H)
- Weight: 14.4g
- Adjustable Output Voltage: 5.0~12V
 - Preset voltage modes by using setting button: 5.0V / 7.4V / 8.4V / 12V
 - 0.1V step increment by configuring on ETHOS tool.
- Peak Current: 14A (dependent upon input and output voltage)
- Default Output Voltage Setting (adjustable): 5.0V

Continuous Current Rating

Input \ Output	5V	7.4V	8.4V	12V
4S	10A	10A	10A	10A
6S	10A	10A	10A	10A
12S	10A	10A	10A	9A
14S	10A	10A	9A	8A

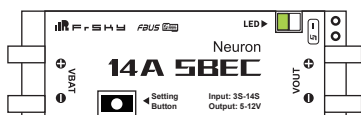
1. Ratings are tested under conditions at 20°C.
2. Please make sure the adjusted Output voltage always working under the Input voltage that can be drawn from the battery/power source, and better to maintain the voltage difference of about 6 volts.)

Features

- Configurable BEC Voltage Outputs
- Multiple Preset Voltage Modes Fast Switching (by Setting Button – 4 Modes: 5.0V / 7.4V / 8.4V / 12V)
- Fin Heat Dissipation Design
- Capable of Working under Maximum 14A Current Loads
- Working Status LED Indicator
- Compatible with FBUS/S.Port protocol

LED Status Indicator

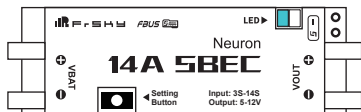
Adjusting Output voltage with Press setting button



5.0V ----> LED Green



7.4V ----> LED Blue

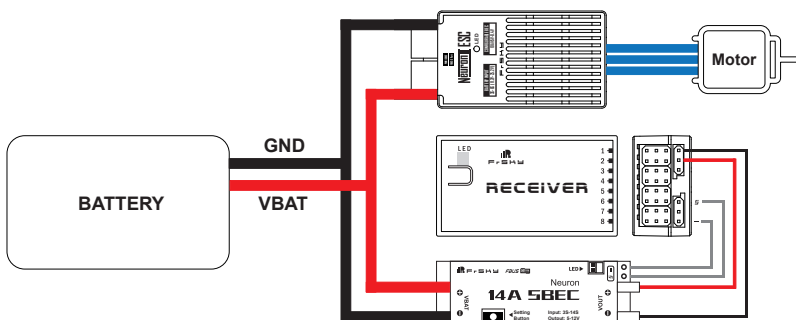


8.4V ----> LED Aqua



12V ----> LED Red

Setup Guide - Device Connection Diagram



FrSky is continuously adding features and improvements to our products. To get the most from your product, please check the download section of the FrSky website www.frsky-rc.com for the latest update firmware and manuals