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PL – Series 2-6S BEC's



015: PL 2-6S / 1x:

016: PL 2-6S / 2x:

017: PL 4-6S / 3x:

The new PL - Series BEC's are an improved design from the HS 2-6S BEC, with the following changes:

- The BEC power supply no longer passes through the sensor board and connects directly to the flight controller.
- Bright blue "power on" LED.
- Connection port for PL-xxx sensor board or PL - Sensor Hub X2/X8 with 5.0V / 0.5A
- External connections via Molex Clik-Mate / 1.25mm connectors. (50238)
- The BEC measures the output current and increases the output voltage by a few millivolts depending on the output load. This compensates for the voltage drop in the connection from BEC to FC and to the receiver. To keep the voltage more stable.
- Delivery inclusive ABS base and CFK cover.

Scope of delivery:

015: PL 2-6S / 1x:

1x PL-2-6S BEC 1x5.3V / 3A

1x CFK enclosure

1x Sensor cable (040) Molex Clik-Mate 4p / L = 150mm

016: PL 2-6S / 2x:

1x PL-2-6S BEC 2x5.3V / 3A

1x CFK enclosure

1x Sensor cable (040) Molex Clik-Mate 4p / L = 150mm

1x Backup cable (050) for Pixhawk 2.1 / Molex Clik-Mate 2.0-6p / L = 150mm

017: PL 4-6S / 3x:

1x PL-4-6S BEC 2x5.3V / 3A + 1x 12.0V / 3A

1x CFK enclosure

1x Sensor cable (040) Molex Clik-Mate 4p / L = 150mm

1x Backup cable (050) for Pixhawk 2.1 / Molex Clik-Mate 2.0-6p / L = 150mm

1x 12.0V output cable one site Molex Clik-Mate 1.25mm-4p, the other site open. / L = 150mm

The PL - BEC's are delivered without FC cable, so please purchase the correct cable to match your setup:

041: DF13-6p -> Pixhawk 1 / APM... etc.

042: Molex Clik-Mate 2.0 - 6p -> Pixhawk 2.1

043: JST-GH-6p -> Pixhawk 3... etc.

Installation:

Please connect the minus (black) wire of the PL - BEC as close as possible to the main battery, as he is the ground reference for the voltage measurement. The positive wire (red) can be connected to the PDB.

The PL - BEC's can be screwed down to the main frame, by removing the 4 bottom M3 screws and drilling holes into the frame. Then reinstall the screws through the frame.

PL 2-6S / 1x: 36mm x 24mm x 10mm