

PDB 400A - Quick Start Guide

Package Contents:

- 1* PDB 400A Module
- 1* 220 μ F 100V Capacitor

Installation

Mounting

Secure the PDB using non-conductive standoffs or insulation spacers to prevent shorts.

Wiring

Input Power: Solder battery leads to the input pads.

Add a 220uF 100V capacitor to the source side of the PDB.

ESC Connections: Connect each ESC wire to the ESC/Motor connecting solder pads (60A continuous per pad).

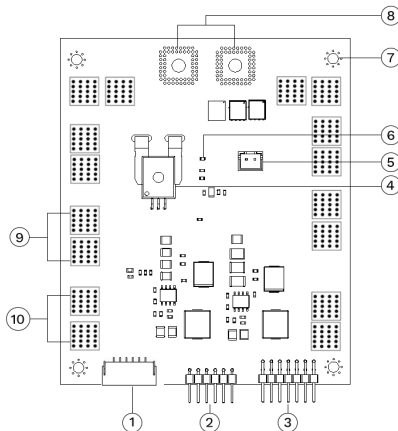
Flight Controller Power (6-pin JST): Connect the flight controller to the dedicated JST power port.

BEC Outputs: Use the regulated 5V or 12V outputs for flight controllers, cameras, air units, or other onboard electronics.

External Switch Connection: Connect the external switch to the 2-pin JST switch port provided on the board. If not using the external switch, short the C and NO pins to enable power.

Do not switch OFF or ON the anti-spark switch when a load is connected to the PDB. It is safe to turn on the switch before adding a load.

Note: Check polarity before soldering. Incorrect wiring can cause permanent damage.



1. JST 6 pin connector
2. Single row male headerpin
3. Double row male header pin
4. Current sensor
5. JST 2 pin connector for soft power switch
6. Power LED
7. Mounting hole
8. Battery(14v-60v)
9. ESC 2
10. ESC 1

