

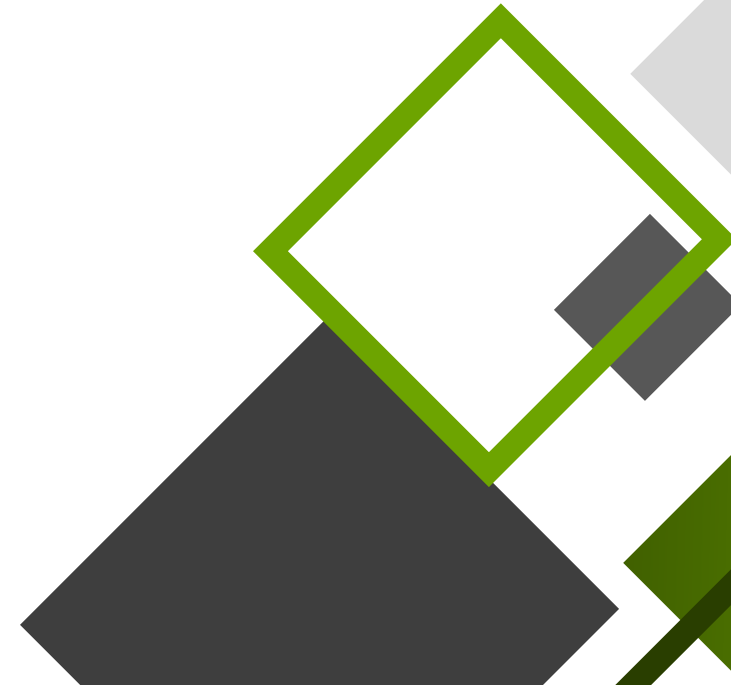
Drone 조립

An **Unmanned aerial vehicle** (UAV) is a Unmanned Aerial Vehicle. UAVs include both autonomous (means they can do it alone) drones and remotely piloted vehicles (RPVs). A UAV is capable of controlled, sustained level flight and is powered by a jet, reciprocating, or electric engine.





Drone 구성 부품



완성 외관

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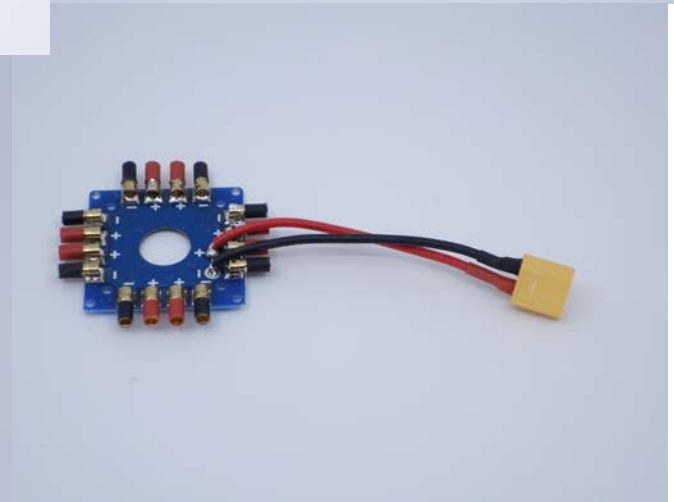
구성 부품 1

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구성 부품 2

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프레임

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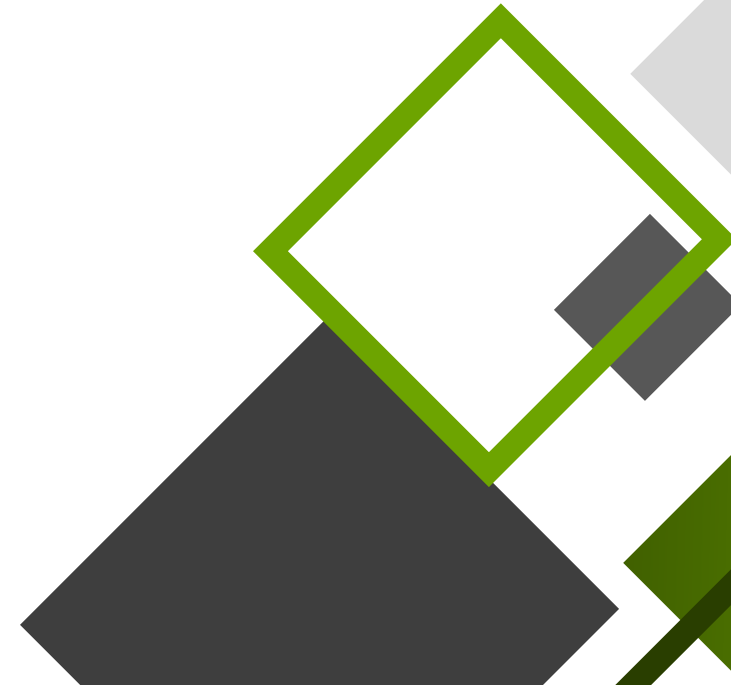
하판



상판



Drone 조립



하판 레그

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



모터 장착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



모터 색상을 대칭으로

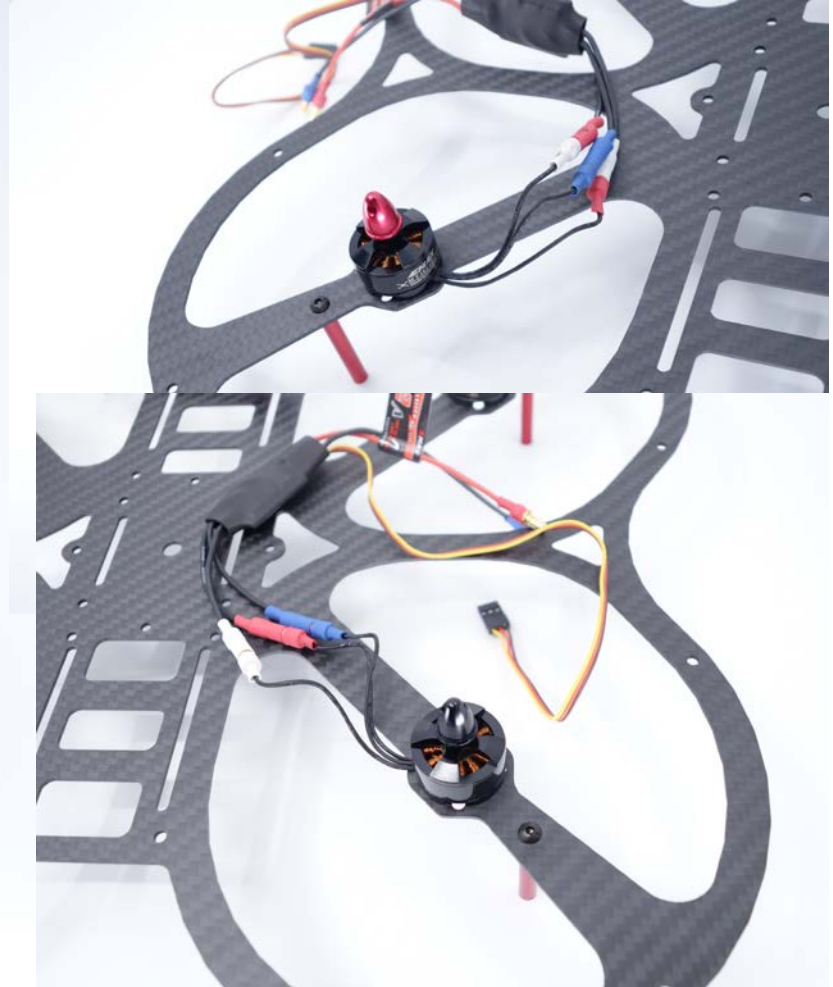


중심을 잘 맞추기

ESC 결선

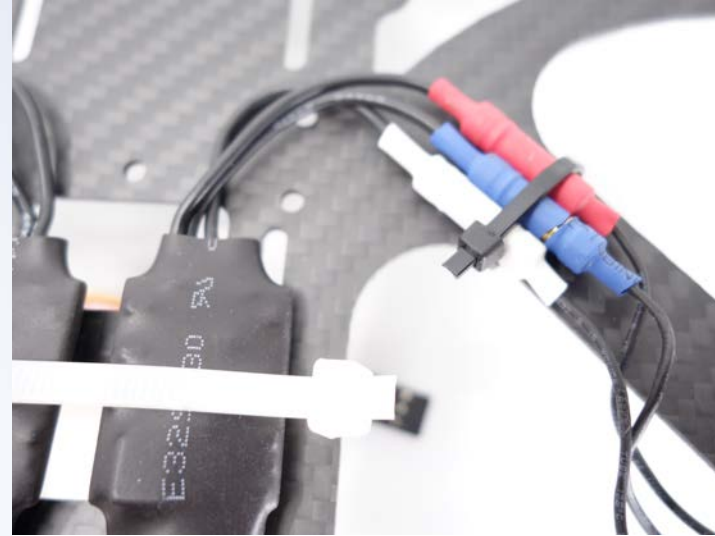
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RED 모터는 선을 교차로



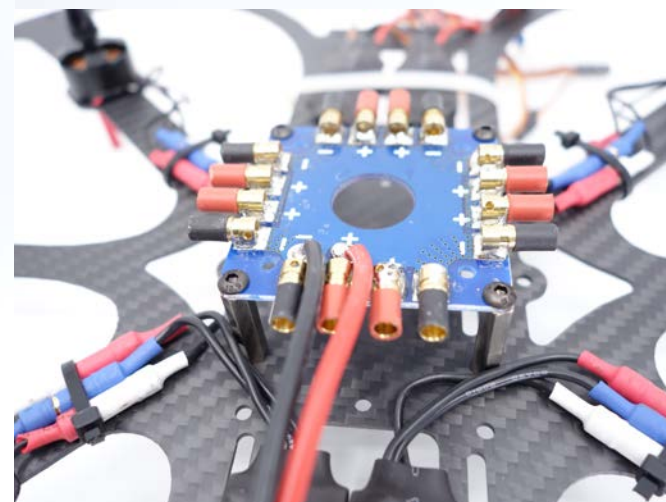
배선정리

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



전원 분배 보드 장착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



전원 모듈 부착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



배터리 벨트 장착

Dept. of Mechanical System Design, Seoul National University of Science and Technology.



상판 하판 결합



FC 방진 마운트 조립

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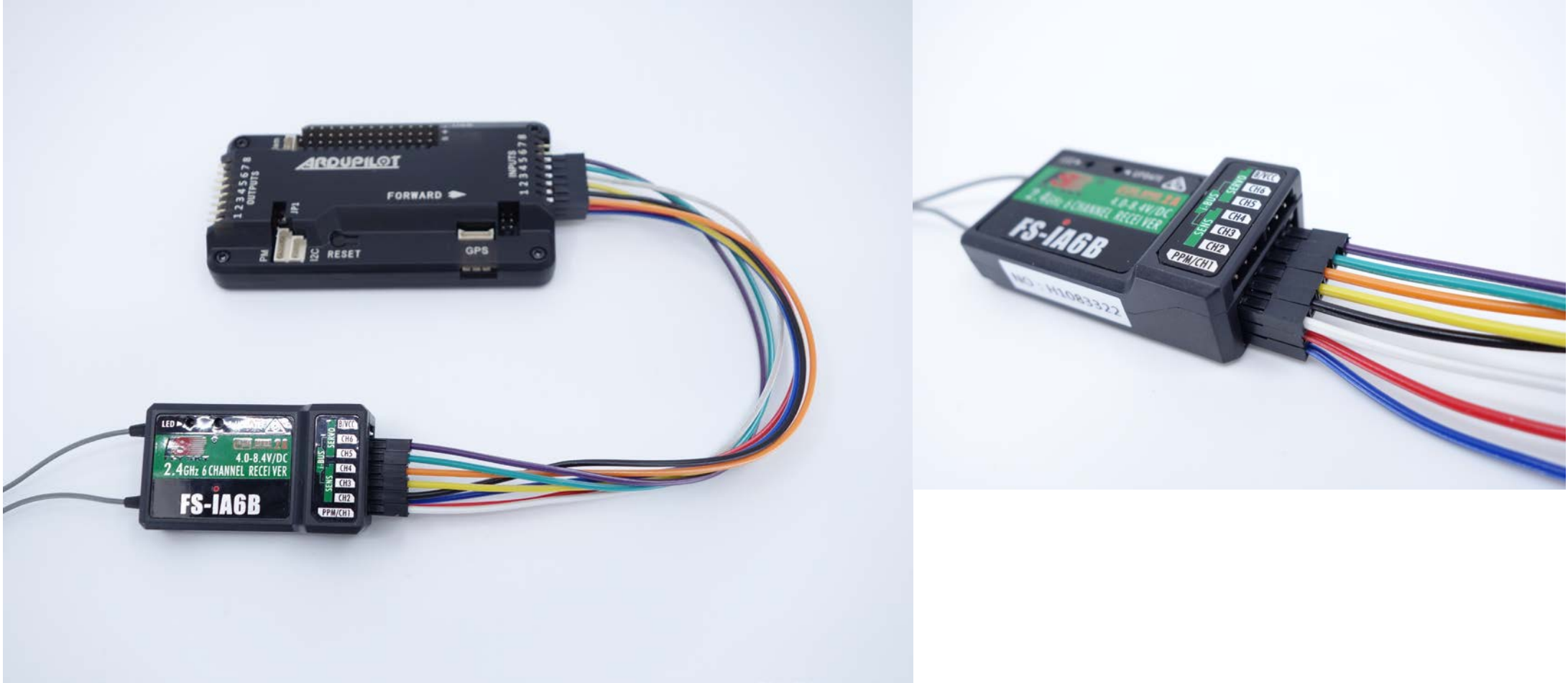
FC 방진 마운트 부착

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FC와 수신기 결선

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FC 장착

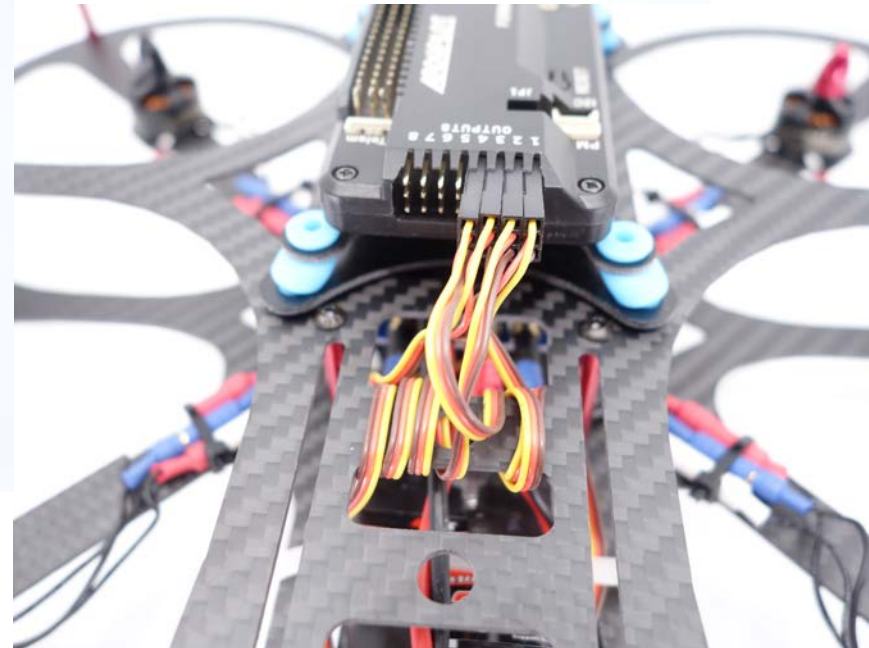
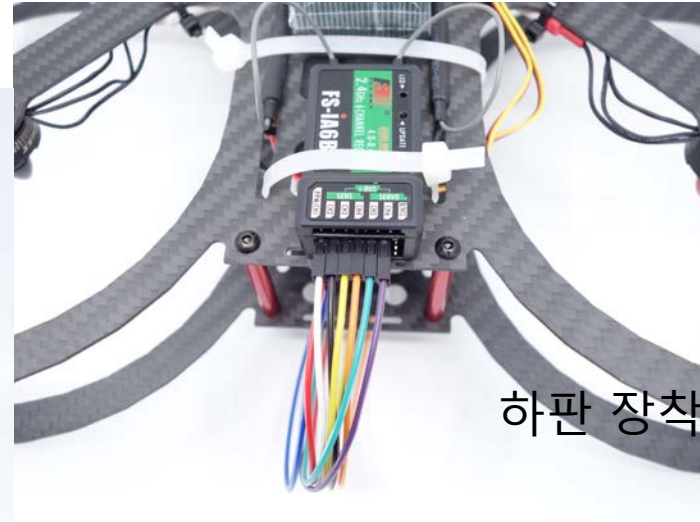
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양면 테이프 이용

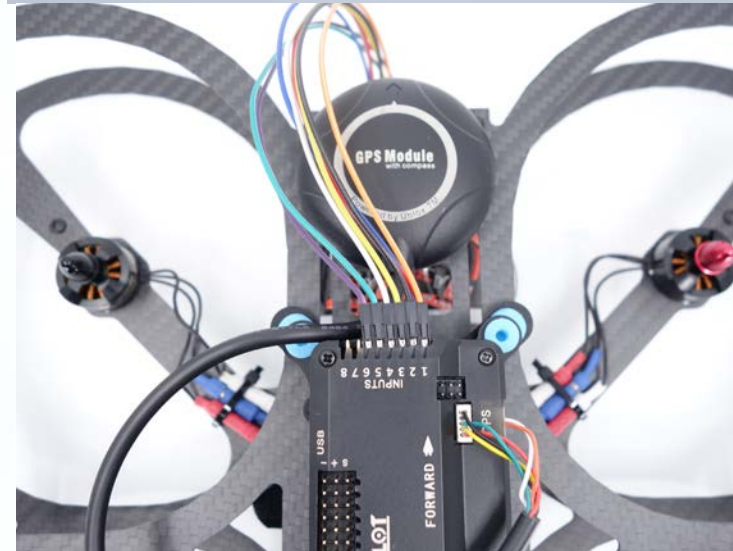
수신기 및 ESC 신호선

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GPS 부착

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프로펠러 장착

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빨강 모터 → 반시계 방향 프로펠러 (5030L)



검정 모터 → 시계 방향 프로펠러 (5030R)

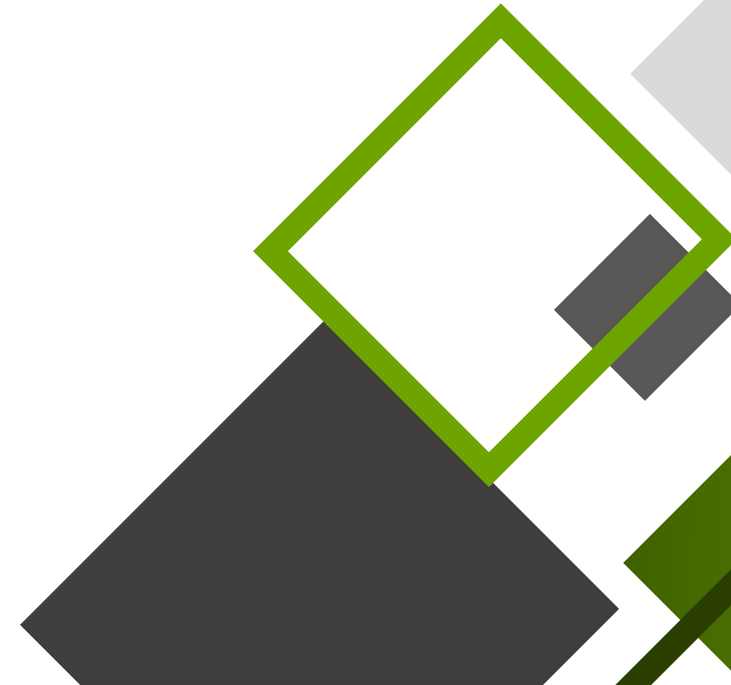
완성

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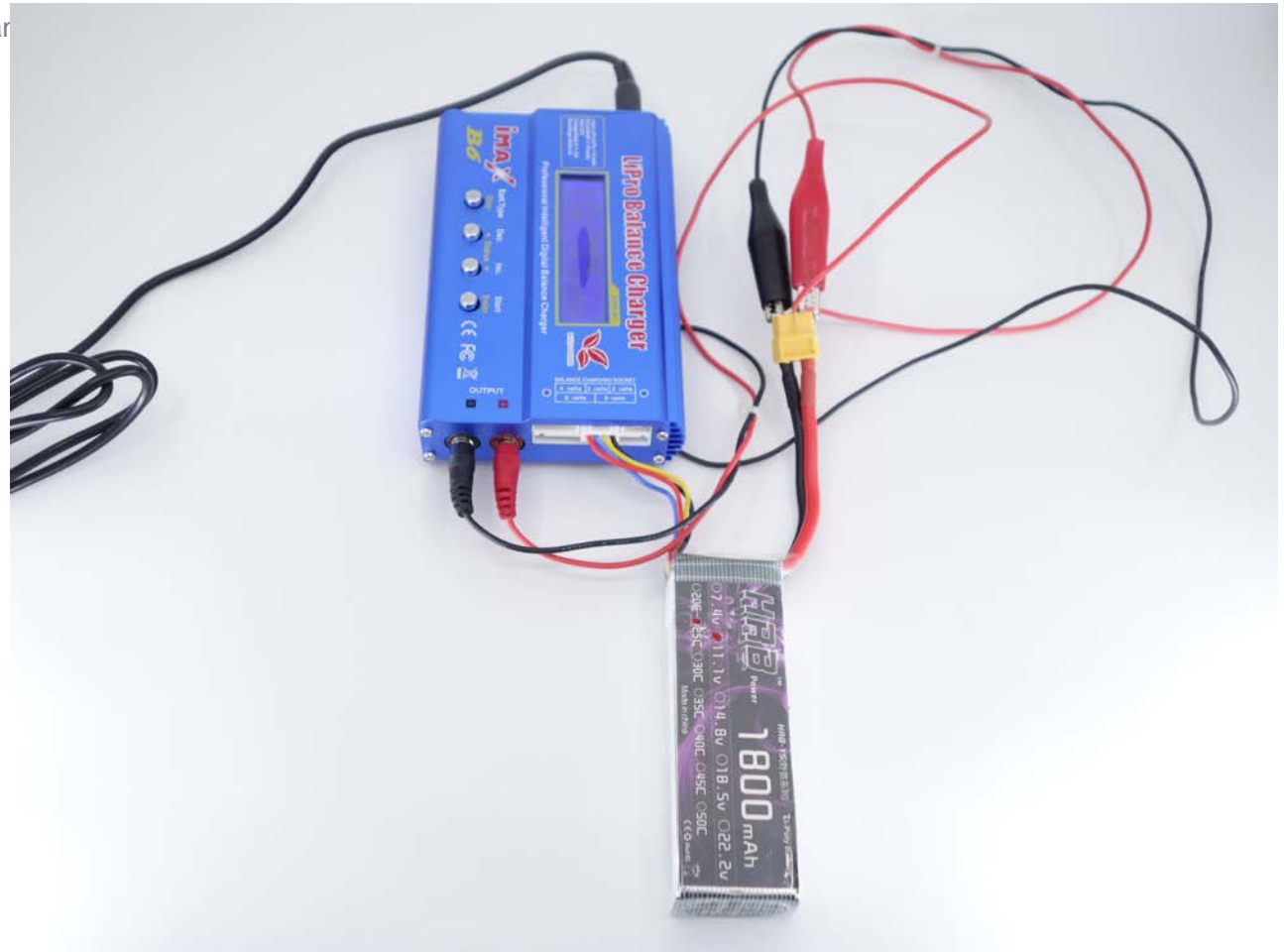




배터리 충전



Li-Po 배터리 충전



1. 극성에 주의 (빨강 +, 검정 -)
2. Balance Connector를 꼭 사용
3. Li-po 3S, 11.1V를 메뉴로 설정 해야 함.

The slide features abstract geometric shapes in green, grey, and dark grey. On the left, there are several overlapping squares and rectangles, some with outlines and some solid. On the right, there are more complex shapes, including a large grey square with a green outline and a dark grey square with a green outline. The shapes are arranged in a way that they appear to be floating or overlapping each other.

THANK YOU

Powerpoint is a complete presentation graphic package it gives you everything you need to produce a professional-looking presentation