

How much battery does a 3DR solo have?

The 5200-mAh battery of 3DR Solo offers up to about 20 minutes of flight time on a single charge. With a wonderful maximum payload capacity of about 0.4 kg., and a transmission range of up to 805 meters, the 3DR Solo is a fantastic scouting tool too. Here's how the 3DR Solo drone performs when it comes to its different features:

How much does a 3DR solo weigh?

The 3DR Solo weighs in at a hefty 3.35 pounds with the battery, gimbal and camera installed. It is fairly large at just under 19 inches from tip to tip and needs to be registered with the FAA as it is over the 0.5 pounds minimum weight. The max distance for Solo is about a half-mile.

How to get telemetry from 3DR solo?

3DR Solo uses smart BMS in each Solo battery which will give battery telemetry to Solo and ground station. There are different ways to get this information. a) Don't have telemetry: Solder the battery connectors directly to the Solo board. You need then to use a LiPo alarm and/or timer. It works but it is not what we want.

How much does a 3DR solo cost?

Flight Simulator App - Before going out and flying the 3DR Solo, the included simulator app allows you to practice your flight skills realistically, so you don't wind up crashing the drone. Considering the 3DR Solo costs about \$1,000, it's not exactly cheap to replace.

Can I use a 4S LiPo battery with a solo?

If you own some old Solo batteries keep them for the electronics. I have made several testing procedure to assure that the mod would function well, and test was successful. With this mod to the Solo battery you will have the opportunity to use any 4S lipo battery with your Solo.

Is the battery pack enough power for a drone?

And thus you would have other problems than the battery. This battery pack has a constant discharge of 45A, aka 650w. In hover the drone consumes only 230w. I think the battery pack has enough power because in slow to medium flight the drone uses even less power than in hover.

3DR BT11A Rechargeable Lithium Smart Battery For use with Solo Quadcopter Drone, 14.8V LiPo Flight Battery, 5200 mAh Capacity, LED Charge Indicators With a 5200 mAh capacity, the Smart Battery for Solo ...

For sure! I am a Maker as well. There are several cases available. Our battery mod team is tweaking one as I reply. One challenge is our battery mod doesn't shift the top cell so the stock case doesn't provide the ...

1920 "3dr solo battery mod" 3D Models. Every Day new 3D Models from all over the World. Click to find the best Results for 3dr solo battery mod Models for your 3D Printer.

This document provides links to various manuals, tutorials, documents and resources for the 3DR Solo drone. It includes sections on battery documents and mods, the BMSOne battery management system, Mission Planner software, ...

I would like to share my experience with building a custom LiIon battery for 3DR Solo and have correct battery % display on the App and Artoo controller. My goal was to build ...

The 3DR solo app is discontinued and the 3DR servers no longer exist (so there's no way to get past the "preflight update required" screen). All of your batteries will need to be replaced, since ...

The BMSOne is proving to be a good solution for me. Always had calibration issues with the Solo BMS fitted to different batteries and it was always a clunky (technical term) fit and look on the Solo. So I opted for an internal ...

Find many great new & used options and get the best deals for 3DR Solo Quadcopter Smart Drone With Battery Mod at the best online prices at eBay! Free shipping for many products!

3DR Solo - ArduCopter Master Upgrade This article details upgrading and operating ArduCopter version 3.5.0 and higher a 3DR Solo. Overview The 3DR Solo contains, among many things, a Pixhawk 2.0 autopilot. It comes with a ...

Because of the discontinued Solo batteries I have shared this video to allow Solo pilots to still enjoy flying the Solo with other options to keep Solo flying with this battery mod. ...

