



Can 3dr solo battery be rebuilt

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 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.

What happened to 3DR solo?

The company went belly up in 2015. 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 there are no 3DR batteries for sale, you need to have a rebuilt battery made for you (soloflies.com will help you out).

How do I recalibrate the Solo Smart Battery?

To recalibrate the Solo Smart Battery, follow these steps: Gently discharge the battery pack until it cuts off for the first time, which is around 12V. Allow the pack to relax for at least 5 hours. The pack's voltage will climb above 12V during this process.

Is there a way to replace a cell on a 3DR?

There is a guy who will perform the cell replacement for a fee. The stock 3DR app isn't available on app stores so you'll need to install ardupilot and use an app like Q ground control. It can still be flown, but it is more like an antique car than useful drone at this point.

How to fly a 3DR SOLO drone?

In order to fly your drone you need to install "Open Solo 4" on your drone, this is open source drone software created for the 3DR solo drone and it features many fixes and upgrades for your drone. If you are using an Android Tablet or Phone, then you need to download "Solex",.

3DR Solo - Smart Battery Calibration -- Copter documentation I haven't had to use it, but it's supposed to help calibrate the battery as long as there isn't a bad cell. Solex has ...

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 ...

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So I'm searching the forum, and I'm really interested to know if it's possible to rebuild a Solo battery. In my contact with 3DR tech support, I've learned that the expected ...

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) ...

The 3DR Solo is the first smart drone released by 3D Robotics in April 2015. The 3DR is built for use with an action camera to produce landscape Aerial shots.

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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 ...

I took apart a 3DR Solo Battery and looked inside. It would only flying about 5 minutes and it would be at 15% I wanted to see if you could possibly rebuild one of these ...

These parts accommodate the Tattu 5200mAh 14.8V 35C 4S1P Lipo Battery used in the 3DR Solo Battery Mod for Dummies tutorial that can be accessed on the JB.s 3DR Solo Owners ...

I did the lipo upgrade to my solo. I can plug and works fine but solo doesn't see the lipo or something because it doesn't reset. Battery level just down to below the min to fly. ...

About this item Rechargeable lithium ion battery for 3DR Solo controller For 3DR Solo, 6 hours of battery life The Battery Include 30-Day Money Back and 18-Month Manufacturer Warranty.

3DR Solo - Smart Battery Calibration The Solo Smart Battery may need recalibration from time to time. The following write up details how execute a recalibration of the BMS. Gently discharge ...

All my some little used original solo battery's are fucked and useless except 1. But that last one though it not has the instant 100% drop off to 10% within 2 mins like the others do, ...

He 3d printed them himself. Clearance for the gimbal is more than adequate. The DIY 3d print is here: 3dr Solo leg extensions by L5MEDIA BTW, if you carry your Solo in ...

3DR's Smart Battery for the Solo Drone is an essential accessory for people who want to keep their solo drone flying for long periods of time. The rechargeable battery can be connected to ...

3DR Solo Battery Charger Peau Productions DCH 5200mAh Battery Replacement for 3DR Solo Controller



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Solo Drone Remote Controller AC11A. Regarding replacement batteries, other than ...

It can be used on any Ardupilot vehicle, not just Solo and supports batteries 2S-6S, any capacity, any chemistry . 3DR Solo does not support 2S, 3S, or 6S. Only use 4S or 5S on a Solo. For Solo it can be used to plug a common off the shelf ...

Hello! I'm having an issue with my batteries. Some time ago I fully charged them and stored them without using them for around a month or so. Now the batteries don't last as long, although as I ...

How long does the 3dr solo battery last? With a 5200 mAh capacity, the drone's Smart Battery for Solo Quadcopter from 3D Robotics will let you fly for up to 25 minutes unladen and up to 20 ...

For semi DIY, send in your old Solo battery (or remove the BMS and send it) and we will extract the BMS and install the BMS into an optional enclosure with all soldered on standard ...

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 ...

Remove batteries smart card from original battery and wire balance connector to js4 connector and power connector has to convert to whatever 4s battery you want.

Click on START and the Solo will run the battery down to 12v or when any one of the cells hits 3.0v and cut off the motors. This can take hours depending on how much charge is in the battery.

battery was put in backpack and button was held in and I guess discharged to zero and now won't respond has anyone dealt with this before and fix the dead battery problem?

Damage to the battery may result. Charge the pack completely and leave it on the charger for 48 hours. The pack will relax, then do a balance cycle, then top off. Let the pack sit for at least 2 ...

I had a for parts Solo with this problem, the clicking sound was one motor twitching, indicating a bad motor pod. Watch the motors at startup and remove the twitching ...

The drone can withstand hard landings without much damage to the camera because its legs jut out in such a way that they protect the gimbal and your GoPro. Battery Equipped with a rechargeable 5,200 mAh 14.8Vdc lithium ...

It has the same voltage, amps, and current drops as the H battery. I 3d printed a battery case, dropped the 3dr Solo cells into it, slid it into my H Plus, and flew my H Plus drone ...

3DR Solo - Initial ArduCopter Install Using Mission Planner & WinSCP These are detailed instructions for

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the installation of ArduCopter on the 3DR Solo using Mission Planner and WinSCP. Your solo should be in safe working order ...

Contact us for free full report

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