



# 3dr solo battery problems

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 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.

What is a 3DR SOLO drone?

Released in April of 2015, the 3DR Solo is a smart drone created by 3D Robotics, an American company in Berkeley, California. 3D Robotics markets the Solo drone as the "smartest drone ever," a device geared towards simple flying and professional aerial photography and videography.

Does 3DR solo work on Android?

It can interfere with Solo's communication signals and cause unexpected behavior. Visit [3dr.com/soloapp](http://3dr.com/soloapp) or download "3DR Solo" from the App Store or Google Play Store. 3DR Solo works with iOS 8.0 or later and Android 4.3 or later. For Android, you must also install the "3DR Services" app to your device.

Does a solo controller include a lithium ion battery?

Controller The Solo controller includes a pre-installed rechargeable lithium ion (Li-ion) battery. 2.3.1 Charging Charge the controller using the designated controller charger only; using a different charger can damage the controller or cause a fire.

How do you Power a solo smart battery?

As a lithium polymer battery, the Solo Smart Battery requires specific... Powering To power Solo, insert the battery into Solo's battery bay and slide the battery forward until it clicks into place. Press and hold the battery power button to turn on Solo.

Ensure that both the controller and Solo are powered, the controller has at least 50% battery remaining, and the app is connected to Solo Wi-Fi. The total update process can take up to 10 ...

If 3DR is no longer producing the batteries (as with the Solo itself) we have a problem. At some point within the next two or three years most of our Solo's will be grounded ...

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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 mAh capacity, the Smart Battery for Solo ...

As usual, support for Solo is rock solid and the future looks bright! Great work by select few individuals in the various forums. Regarding replacement batteries, other than ...

I am sure that if the battery is left on 12v, the cells will drop so low that they will damage the battery. How should I proceed with this in the most responsible way possible.

I bought a new Solo off Craigslist from a "not very bright" young man, he used the wrong charger (not sure how he managed) to charge the controller and fried the charger ...

This document is intended for AirCTEMPs aircrew familiar with the operations and maintenance of the 3DR SOLO. The following 3DR documents provide supplemental and more detailed ...

Hi everyone 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.

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 ...

**\*\*Update\*\*** 3DR did send me a new battery. I was able to play with my Solo drone and you can check it out here. <https://youtu /3-PnuOhengo---original descr...>

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 ...

Ensure that both the controller and Solo are powered, the controller has at least 50% battery remaining, and the app is connected to Solo Wi-Fi. The total update process can take up to 10 minutes.

3DR Solo Battery Mod 3DR Solo Parts This is a mod to essentially refurbish your stock Solo battery with new cells. The cells used are the Tattu 4S 5200mAh 35C. For a fully ready to fly Solo smart battery choose the default options, then send ...

Damage to the battery may result. Charge the pack completely and leave it on the charger for 48 hours. The



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pack will relax, then do a balance cycle, then top off. Let the pack sit for at least 2 ...

I had a similar issues today when the battery dropped from 25% to 6% in less than 10 seconds towards the end of my flight. The battery only has about 4 cycles on it.

Controller still does not accept a full charge nor communicates with Solo even after a reset. 3DR is going to inspect the Controller. I'm sure that was the issue as I've read ...

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.

I am having problems with this battery, well all my batteries only give me 12 or so minuets of flight time. Here is a log from my last flight. It shows about 11 minuets of flight time, ...

Contact us for free full report



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