

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 happens if the battery is low on a SOLO drone?

If a secondary error occurs (low voltage, signal loss) the drone will initiate an immediate landing procedure at current location. Controller display will give a battery warning at 25% and 10%. At 5%, SOLO will immediately initiate the "Return to Home" program. DO NOT let battery reach 0%, as this will ruin the battery.

Does 3DR solo work on Android?

It can interfere with Solo's communication signals and cause unexpected behavior. Visit 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.

What is a 3D Robotics solo?

1. Introduction The 3D Robotics (3DR) SOLO is a commercial hobby type UAS commonly used for photography and recreational use, and provides a stable platform for aerial photography. This document describes operating and maintenance procedures developed with the help of the University of Nevada AirCTEMPs instrument center.

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.

What are the 3DR solo documents?

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 information: SOLO Quick Start Guide and the SOLO User's Manual; which contains a section on safety procedures.

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 ...

There is a custom bootloader on the device, so when I figure out more about the battery, it's possible to upgrade it using a standard FTDI cable and the avrdude tool (for ...

To predict battery replacement interval, the voltage of each battery shall be recorded in a battery log along with the flight time and the percent battery remaining as indicated on the tablet/laptop ...

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 connectors (4S balance and XT-60) for a standard LiPo ...

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.

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.

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