

3dr solo li ion battery





Overview

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 is the difference between a solo battery and a Lilon battery?

The Solo BMS with your battery is recognized as a normal Solo battery. However in the case of Lilon batteries, they have lower voltage level and can be discharged to a lower voltage (2.5V vs. 3V LiPo per cell). Thus Solo with Lilon battery will trigger RTL and low battery alarm too early.

What happens if you change from Lilon to original battery?

If you change from Lilon to the original battery you have to calibrate it as well. The Solo BMS with your battery is recognized as a normal Solo battery. However in the case of Lilon batteries, they have lower voltage level and can be discharged to a lower voltage (2.5V vs. 3V LiPo per cell).



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3dr Solo Battery Mod

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 ...

3DR Solo Smart Battery Review: Features, Benefits, Drawbacks, ...

A comprehensive review of the 3DR Solo Smart Battery, a rechargeable lithium-polymer battery that works with the 3DR Solo drone. Learn about its features, benefits, ...



[3DR BT11A Rechargeable Lithium Smart Battery For ...](#)

With a 5200 mAh capacity, the Smart Battery for Solo Quadcopter from 3D Robotics allows the aircraft to fly for up to 25 minutes unladen and up to 20 minutes with Solo Gimbal and camera attached.

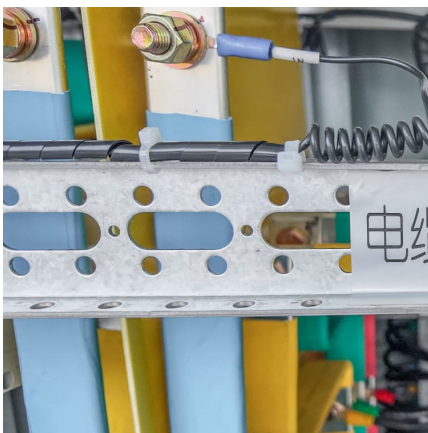
[Amazon : Solo Smart Battery : Electronics](#)

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 ...



3DR Solo with Lilon 9000mAh battery , up to 30min flight time

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



CS-DRS120RX : Battery for 3DR Solo Drone Remote Controller, ...

The CS-DRS120RX is a replacement rechargeable battery for 3DR products. This battery replaces the following OEM part number (s):



Does 3DR Solo Come with Controller Battery? Flight Time, ...

The 3DR Solo's controller uses a rechargeable lithium-polymer battery, which provides hours of operation. Having extra batteries ensures that users can enjoy longer flight ...



[Amazon : Solo Smart Battery : Electronics](#)

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 ...



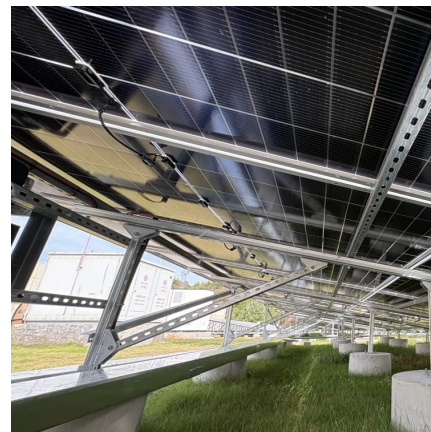
3DR BT11A Rechargeable Lithium Smart Battery For use with Solo

With a 5200 mAh capacity, the Smart Battery for Solo Quadcopter from 3D Robotics allows the aircraft to fly for up to 25 minutes unladen and up to 20 minutes with Solo ...



[3DR Smart Battery for Solo Quadcopter BT11A](#)

The 3DR Smart Battery for Solo Quadcopter allows the aircraft to fly for up to 25 minutes unladen and up to 20 minutes with Solo Gimbal and camera attached. LED indicators allows you to see ...



CS-DRS120RX : Battery for 3DR Solo Drone Remote Controller, Solo

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