

# 3dr solo custom battery





## Overview

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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 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.

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.

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.



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### 3DR Solo Controller Battery

Premium-quality replacement battery for 3DR Solo Controller remote controller. This aftermarket battery is designed for long-lasting performance and is 100% compatible with 3DR Solo ...

### 3DR Solo Battery

UAV Systems International. Build Your Perfect UAV. Affordable, High Quality and Reliable drone customized for any mission. Heavy Lift Payload Drones, Fixed Wing Long Range Drones, ...



### [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 ...

### [Sourcing Solo Batteries? , 3D Robotics Drone Forum](#)

You can buy refurbished batteries from SoloFlies or choose the BMSOne Lipo plug and play also on SoloFlies which allows you to use standard Lipo



battery packs ...



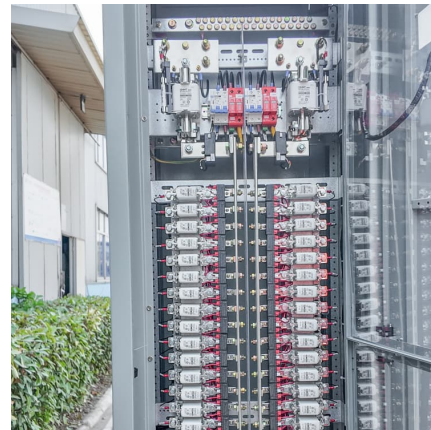
### **3DR Solo Smart Battery BT11A Quadcopter Drone Smart Flight Battery ...**

This battery is a brand new (unused) 3DR Solo main flight battery. When I first opened the package, I connected the battery to my SoloTool and it reported that the battery was 60% ...



### **Has anyone rebuilt a Solo battery? I'm searching to see if it's**

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 ...



### **3DR BT11A Rechargeable Lithium Smart Battery For use with Solo**

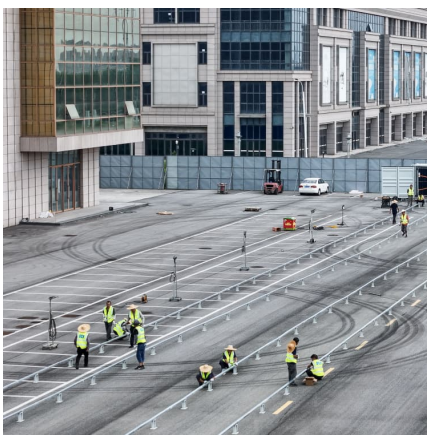
With a 5200 mAh capacity, the Smart Battery for Solo Quadcopter from 3D Robotics allows the aircraft to fly for up to 25 minutes unladen and up to 20 minutes with Solo ...





### [3DR 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.

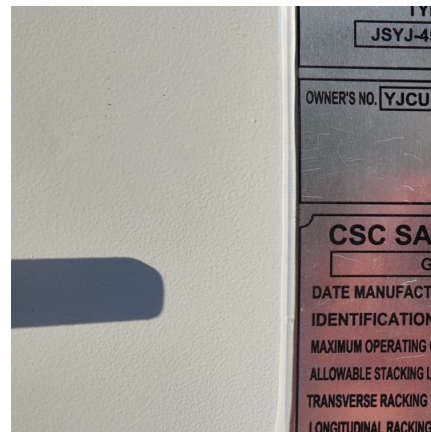


### **My SOLO Battery mod**

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) ...

### **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 ...



### [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 ...



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