

HOME / PRODUCT CATEGORIES / BATTERY / LOW CURRENT LITHIUM ION BATTERY PACK - 2.5AH (USB)

♥

☰

Low Current Lithium Ion Battery Pack - 2.5Ah (USB)

TOL-15204 ROHS ✓

DESCRIPTION

FEATURES

DOCUMENTS

Datasheet

Tags

BATTERY LIPO LITHIUM ION LOW CURRENT USB

◀

▶

© images are CC BY 2.0

Twitter Facebook Pinterest

◀ SHARE

Previous Versions ▾

## Low Current Lithium Ion Battery Pack - 2.5Ah (USB) Product Help and Resources

TUTORIALS

SKILLS NEEDED

Battery Technologies

FEBRUARY 6, 2013

The basics behind the batteries used in portable electronic devices: LiPo, NiMH, coin cells, and alkaline.

COMMENTS 6

REVIEWS 0

## Comments

## Looking for answers to technical questions?

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our [Technical Assistance](#) page.

[Log in](#) or [register](#) to post comments.



**Member #411824** / about 3 months ago \* / ★ 2

There is a note on the datasheet

Lowest Output <20

Is there any limit the battery switches off? A lot of deep sleep devices consume less than 1 mA! I'm searching for a USB chargeable battery pack that does not switch off on any current. Is this the case for this device?



**Santa Claus Impersonator** / about 2 months ago / ★ 1

Hi there, it sounds like you are looking for [technical assistance](#). Please use the link in the banner above, to get started with posting a topic in our [forums](#). Our technical support team will do their best to assist you.

That being said, you will probably have a hard time finding a USB chargeable battery pack for your application, most battery packs have an auto-off feature since they are usually intended to charge mobile devices. You should probably be looking at a [Li-Po battery](#) and related accessories instead.

Based on my experience, I assume there is a small window where the battery pack still times out/shutdown because the current draw is below the minimum (~20 mA). My best guess is that this will not work for any deep-sleep applications, due to the auto-off feature.



**Member #161230** / about 3 months ago / ★ 1

Also would also like to know the answer to this--

Can the battery supply do a short deep sleep if the wake up meets the 20mA ?



**Santa Claus Impersonator** / about 2 months ago / ★ 1

See comment above.



**wd6cmu** / about 3 months ago / ★ 2

Can this provide power while it's charging? I use that setup for backup power for small devices (clocks and such), but not all USB battery packs can operate that way since designers often save money by sharing the power converter between the two functions.



**OldFar-SeeingArt** / about 3 months ago / ★ 1

You indicate that this is a 2.5 amp-hour pack but the pdf you point at sez 2200mA-hr. Did I miss something here? Thanks!



**START**  
SOMETHING.



**SUBSCRIBE TO NEWSLETTER**

### About Us

[About SparkFun](#)  
[Press & Media](#)  
[SparkFun Education](#)   
[Feeds](#)   
[Jobs](#)  
[Contact](#)

### Programs

[Become a Community Partner](#)  
• [Community Stories](#)  
[Custom Kit Requests](#)  
[Tell Us About Your Project](#)

### Help

[Customer Service](#)  
[Shipping](#)  
[Return Policy](#)  
[FAQ](#)  
[Chat With Us](#)

### Community

[Forum](#)  
[Take the SparkFun Quiz](#)  
[SparkFun Kickstarter Projects](#)  
[Distributors](#)

In 2003, CU student Nate Seidle fried a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

Become a SparkFun Distributor  
Large Volume Sales

SparkFun Electronics ® / [Niwot, Colorado](#) / [Customer Service](#) / [Site Map](#) / [Terms of Service](#) / [Privacy Policy](#)

Questions? Feedback? powered by [Olark live chat software](#)