



Does steam deck have a battery life?

But did consider having different memory options as well as storage between the three versions of Deck. The Steam Deck's battery life has been a key topic of discussion both ahead of launch and once we actually got our hands on Valve's handheld gaming PC.

Can you use a steam deck while charging?

Yes, you can use your Steam Deck while it's charging. In fact that's recommended when it's convenient. Will the Steam Deck battery degrade? A Steam Deck's battery will eventually degrade, like all lithium-ion batteries, but the process should be slow and gradual. Talk to Valve if there's a sharp and sudden drop in battery life.

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Does valve's steam deck have a good battery life?

Valve's Steam Deck is an incredible machine with the ability to play thousands of PC games in handheld form, not to mention a wide-open system that has enabled users to do all kinds of crazy things with it. But if there's one area where the Steam Deck could use a little help, it's the battery life.

What kind of battery does a steam deck need?

You'll want something with at least 45W of output, mirroring the Steam Deck's USB-C charger. You should also aim for a battery with the highest mAh (milliamp-hour) rating you can afford that's still compact enough to be convenient. Here are some of the best options available in 2024:

Does the steam deck use a lot of power?

But if there's one area where the Steam Deck could use a little help, it's the battery life. Playing system-intensive games on your Steam Deck can drain the battery in no time at all, and the thing uses so much juice that many of your existing chargers probably can't supply it with power quickly enough to keep the frags going.



All batteries have a lifespan, it is best to drain the battery as much as you can before charging as it keeps lithium ion more healthy and will last longer. Hence why steam deck doesn't charge when it's 90% or above, they're allowing the deck to run off wall power without affecting the battery life.



What is best for the Steam Deck's battery? Mostly interested in what to do between playing sessions. If the battery is already fully charged, should I. Turn the deck off and unplug; Put to sleep and unplug; The Deck uses a fairly sizable lithium battery, like most modern devices. Unfortunately the games it runs are often built for a full PC



Buy SiWiQU Battery Pack Replacement Compatible with Steam Deck Console, 42Wh High Capacity Internal Battery for Steam Deck Accessories, with Installation Tools Kit [7.7V 5313mAh*2+1400mAh*2]: Portable Power Banks - Amazon FREE DELIVERY possible on eligible purchases 1 Lithium Polymer batteries required. (included) Brand: SiWiQU



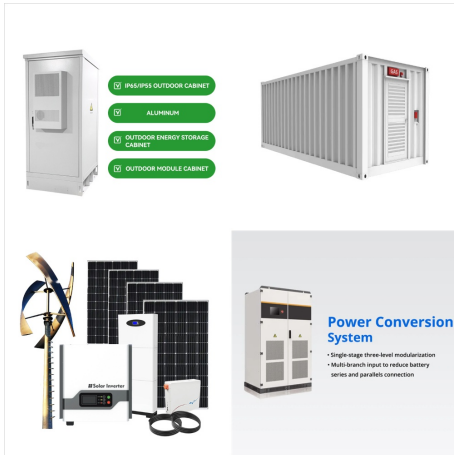
Most lithium batteries tend to lose about 20~50% their capacity by 500 cycles. That being said, it's not very practical to only use it for 20 percent everytime even if you use power tools to limit your max charge. Steam Deck has passthrough power, so you can leave it plugged in for as long as you like and it will stop charging automatically



The limitations of current battery tech are well documented and not "unproven concerns" Indeed, Lithium Ion batteries are known to last approximately 3 years, depending on usage. It is unproven whether keeping the Deck connected to the charger degrades this more than running it from the battery and wear by cycling it in this way.



Comparing mAh of the steam deck to battery banks that you typically buy online is NOT correct, because the steam deck uses 7.4v rather than a "typical" 3.7v cell - hence the point in comparing Wh instead of mAh. Well, it's a lithium ion battery and I went with general specs on those. It's not "basically a laptop", it's using more efficient



The deck contains a Li-ion battery (Lithium-Ion), topping the battery off to 90% is better than letting it drop down to low levels for a full charge when you are using it regular and indeed charging it the last 10% - very stressful on said battery. The steam deck does the bare minimum to save battery life. It'll charge to 100% which is a



Use this guide to put a Steam Deck into battery storage mode from within its BIOS. Lithium batteries usually needs to be stored at around 50% SOC, however when you want to store such a battery, you also have to keep in mind the self discharge rate, and the fact that once over-discharged (even through self discharge) a lithium based battery



Steam Deck LCD???? ,Steam Deck???? ??? ???



They said portable multiple times in the title but I have a hard time getting it and and out of my geo metro. Also people give me weird looks all the time when I pull out my battery bank, extra batteries and my steam deck when I'm waiting at the dentist or where ever. It's like they never seen the steam deck before.



Steam Deck OLED Battery - New / Fix Kit. Sale price \$99.99. Add to cart. Add to cart. Only . 3. left in stock. Shipping restrictions apply. Frequently Bought Together. Magnetic Project Mat. Sale price \$19.95. Add to cart. Moray Driver Kit. Sale price \$19.95. Add to cart. This is a genuine Steam Deck part.



Steam Deck OLED Available Now! Make Your OLED Dreams Come True! Members Online ??? It is immensely beneficial for the Lithium-Ion battery health to set upper charge limit of lets say 80-90% meaning the battery will charge only to that % value - because charging every time to full 100% is putting unnecessary wear on the battery and reducing



The same is true for any lithium ion battery which I why I try to charge my phone when it drops to 10%.
 #7. KyleBarrech. Oct 31, 2022 @ 3:23am I have the same "issue". I just got my Steamdeck and it never charges to 100%, it stops at 99% every time I recharge it. Thats seems pretty normal battery life for steam deck but i dont play those



These limits allow for nearly all types of lithium batteries used by the average person in their electronic devices. With airline approval, passengers may also carry up to two spare larger lithium ion batteries (101???160 Wh) or Lithium metal batteries (2-8 grams). This size covers the larger after-market extended-life laptop computer batteries



Steam Deck,,? 1/4 ?? 1/4 ?50-60%??? ,Steam Deck???,Steam Deck???



Battery calibration The Solution: * You must drain your battery all the way to 0%, or as close as possible. * To do this simply play a game, video, etc until the steam deck shuts off (not a ???)



Steam Deck Battery - Part Only / with Adhesive.
Sale price ???89.95. Add to cart. Add to cart. Ready to ship. Shipping restrictions apply This is a genuine Steam Deck part. Learn more. Purchase with purpose! Repair makes a global impact, reduces e-waste, and saves you money. All our products meet rigorous quality standards and are backed by



Steam Deck. All Discussions Artwork Videos News Guides Reviews Steam Deck > General Discussions > Topic Details. Tim. Jul 3, 2023 @ 12:50pm What's the best way to use a portable battery? emm, generally the consensus on lithium batteries for many years is to stop the magic pixies from getting too angry at either end of a charge, e.g. 40-60%



It seems like Samsung may have done this because of their issues with bloating batteries. It may be more to keep their batteries from bloating than to actually preserve battery life. And with the pass through charging you're fine. My battery health is still 100% on my Deck.



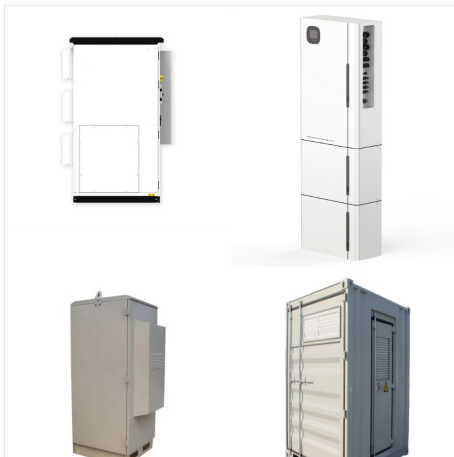
Lithium battery health is usually driven by capacity (mah) and not voltage. Lithium batteries cap out at 4.2 or 4.35 (lihv) volts per cell. If a drained 1000mah battery takes 750mah to hit 4.2v it's lost 25% of its rated capacity. My Steam Deck's battery sees little mileage, so I expect it to last a long time. Reply



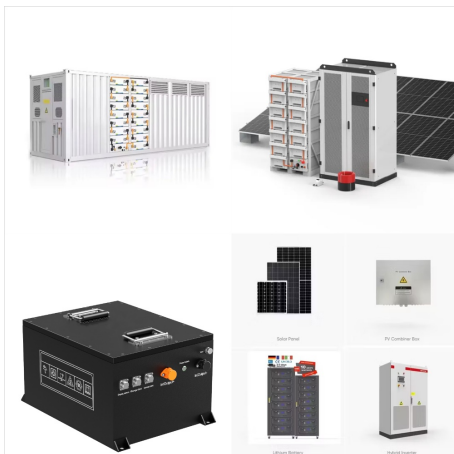
The Steam Deck supports 45W input, and the APU is limited to 15W - so at most, with everything running at peak, you'll be looking at a what, 22-26W usage? That 45W input more than generously covers this, resulting in the battery being dormant once it finished charging. All lithium ion batteries operate at peak health with two factors:



Buy HWG Battery Compatible with Steam Deck Replacement Battery Pack with Installation Tools Kit: Battery Packs - Amazon FREE DELIVERY possible on eligible purchases PGSONIC 40 Pack CR2032 Batteries, 3V Lithium Coin Battery for Small Electronic Devices, 5 Year Shelf Life.



The Hardware contains a lithium-ion battery pack. To reduce the risk of overheating, fire, burns, or exposure to hazardous battery electrolyte: The Steam Deck's safe storage temperature range is between -20° - +60° C (-4° - +140° F). The Steam Deck's safe operational ranges are:



We partnered with AMD to create Steam Deck's custom APU, optimized for handheld gaming. It is a Zen 2 + RDNA 2 powerhouse, delivering more than enough performance to run the latest AAA games in a very efficient power envelope. 40Wh battery. Steam Deck's onboard 40 watt-hour battery provides several hours of play time for most games. For



To wake your Steam Deck from storage mode, plug in the provided power supply and power it on normally. Lithium-ion batteries get damaged by trickle charging, so you probably mean something else. #9. roarinelk. Nov 2, 2023 @ 2:55am I left the Deck fully charged for ~1 day in shutdown state, and at the moment battery is still full. It must be



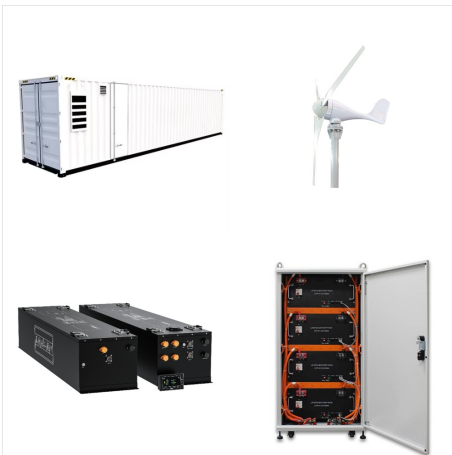
Had my Steam Deck 1 day battery health is at 89%. Not sure whats up that usually takes 1-2 years on my phone. Related Topics Steam Gaming comments sorted by Best Top New Controversial Q& A Add a Comment. iGigaflop ??? Additional comment actions you don't need to "wake up" lithium batteries, that was a thing with nicad. with lithium you need



The Steam Deck's battery life has been a key topic of discussion both ahead of launch and once we actually got our hands on Valve's handheld gaming PC. And it was obviously a key topic for the



A few good tips for extending lifetime of lithium batteries is to avoid charging it higher than 80%, and never below 20%. It also efficiently charges from 80% to 100% to minimize the wear on the battery. The Steam Deck does not support fast charging and is just using standard USB-C PD. You can use a higher capacity charger (as long as it



I don't know all the details on the steam deck battery but i am guessing it's just a typical lithium ion battery. If that's the case, i am wondering if there's a way to replace it with a lithium iron phosphate battery. I run these in my solar power plant and they're pretty incredible. I imagine the life of the battery would be prolonged by multitudes, if not indefinitely.



The Steam Deck is a consumer product, not a precision device. The impact on battery health of simply using the device the way a typical consumer would (i.e charging it when it dies/gets low, playing with it plugged in, etc) is negligible. But pretty much any lithium-based battery will benefit, if you can help it, by limiting the max SoC