Power bank on raspberry pi

Recommend to power the Raspberry Pi for I would say the longer you want to power it the bigger the battery to get if you want something a little more portable maybe you're making a portable setup then you can go for a smaller battery the smaller battery you go for the less time the PI will stay powered it all depends as well on what you're doing with the PI how much you're stressing it in determining battery life so that is something to consider but chances are you can get many many hours of use out of one of these batteries

- https://www.amazon.com/dp/B00X5RV14Y/ref=as_li_ss_tl?ie=UTF8&linkCode=sl1&tag=mrsujano-20&linkId=b2ef8706df688e0107020eeea4324b72&language=en_US
- https://www.amazon.com/Anker-PowerCore-Ultra-Compact-10000mAh-Compatible/dp/B072MH1434/ref=as_li_ss_tl?_encoding=UTF8&pd_rd_i=B072MH1434&pd_rd_r=ff7e1cb1-ac93-4201-895f-254708b1224f&pd_rd_w=RPXN4&pd_rd_wg=DyAbp&pf_rd_p=7cd8f929-4345-4bf2-a554-7d7588b3dd5f&pf_rd_r=ZGT4Q2940HJFM9XCHVXG&psc=1&refRID=ZGT4Q2940HJFM9XCHVXG&linkCode=sl1&tag=mrsujano-20&linkId=330a80df96955d885566f31e34ebcf9a&language=en_US
- https://www.amazon.co.uk/dp/B01JIWQPMW/ref=cm_sw_r_cp_apa_glc_fabc_545SZDA6T8VKB0TCW3BT?_encoding=UTF8&psc=1
- https://www.noelleeming.co.nz/p/belkin-boostup-charge-usb-c-pd-power-bank-20k---black/N200221.html
- https://www.noelleeming.co.nz/p/belkin-braided-usb-c-cable-15cm---black/N192179.html?gclsrc=aw.ds&&gclid=EAIaIQobChMI3pSuINfq-gIVlQ4rCh0YVwvzEAQYAyABEgJA9vD_BwE&gclsrc=aw.ds

MakerHawk Raspberry Pi UPS Power Supply Uninterruptible UPS HAT 18 650 Battery Charger Power Bank Power Management Expansion Board 5V for Raspberry Pi 4 Model B / 3B + / 3B (Not include battery)

- https://www.amazon.com/MakerHawk-Raspberry-Uninterruptible-Management-Expansion/dp/B082CVWH3R/ref=sr_1_3?keywords=raspberry%2Bpi%2Bpower%2Bbank&qid=1660646510&sr=8-3&th=1
- https://www.amazon.com/Geekworm-Raspberry-Function-Support-Battery/dp/B096FPSTLH/ref=psdc_764572_t2_B09S5HJM6B

Mini power banks:

- https://campaign.aliexpress.com/wow/gcp/pc-ppc-lp/index?UTABTest=aliabtest310560_422162&_randl_currency=NZD&_randl_shipto=NZ&src=google&memo1=freelisting&src=google&albch=shopping&acnt=494-037-6276&slnk=&plac=&mtctp=&albbt=Google_7_shopping&albagn=888888&isSmbAutoCall=false&needSmbHouyi=false&albcp=9444695485&albag=99457316601&trgt=1459734606882&crea=en4000330175697&netw=u&device=c&albpg=1459734606882&albpd=en4000330175697&gclid=Cj0KCQjwgO2XBhCaARIsANrW2X3D_gzltLxqEQvv0PJNNXFxxB5KYiH6HQC5ryog6fCZWMkr6HZmI0QaAnFzEALw_wcB&gclsrc=aw.ds&aff_fcid=a2cdd3e5f05340f4b139d4128f5b89db-1660682637173-00156-UneMJZVf&aff_fsk=UneMJZVf&aff_platform=aaf&sk=UneMJZVf&aff_trace_key=a2cdd3e5f05340f4b139d4128f5b89db-1660682637173-00156-UneMJZVf&terminal_id=b305f5b7c4e84b918ff82b658bf96fa4&wh_weex=true&_immersiveMode=true&bt_src=ppc_direct_lp&scenario=pcBridgePPC&productId=4000330175697&OLP=1083300108_f_group1&o_s_id=1083300108
- Specification:
- Item Name: Power Bank Phone
- USB Input:DC 5V 2A
- Material:ABS Plastic
- Square Power Bank
- USB Output:DC 5V 2.1A
- Size:93*65*23
- Feature: with LED Light
- Round Power Bank
- USB Output:DC 5V 1.5A
- Size: 88*88*23mm
- Packing Included:
- 1 x Power Bank
- 1 x USB Cable
- https://www.noelleeming.co.nz/p/belkin-boost-up-charge-power-bank-10k---black%C2%A0%C2%A0%C2%A0/N202373.html?gclsrc=aw.ds&&gclid=Cj0KCQjwgO2XBhCaARIsANrW2X3SAlTIx07pQ7fCJSxGFp9va6ByLlTVRpO3uPkSy30C1HWgCzQqsgQaAr15EALw_wcB&gclsrc=aw.ds
- 10,000 mAh

- 15W total power
- Multi-port
- 3 ports: 2 USB-A and 1 USB-C
- 6 in./15cm USB-A to USB-C cable included

- https://aucklandestore.co.nz/products/mini-power-bank-10000mah-cell-phone-portable-charger?variant=36438936060054&currency=NZD&utm_medium=product_sync&utm_source=google&utm_content=sag_organic&utm_campaign=sag_organic

Pisugar S Plus Portable 5000 mAh UPS Lithium Battery Power Module Platform for Every Raspberry Pi 3B/3B+/4B Model Accessories handhold(Not Include Raspberry Pi)

About this item

- UPS function: The external power supply is disconnected to continuously supply power and obtain the external power status. External power access can trigger boot, suitable for unattended projects.
- Input and output: 5V3A output, 5V3A input
- GPIO button: It can trigger the device to turn on when it is turned off, and it can be used as a custom button after turning on (when the automatic power-on function is turned off)
- Bottom connection: convenient connection method, complete installation in one minute, without affecting GPIO expansion
- Expansion: Expansion through wireless charging and solar charge
- Github link : https://github.com/PiSugar/PiSugar/wiki/

- https://www.amazon.com/Portable-Platform-Raspberry-Accessories-handhold/dp/B097RCFHD2
- https://www.amazon.com/Pisugar2-Portable-Platform-Raspberry-Accessories/dp/B08D8PPCKN/ref=as_li_ss_tl?crid=2FSJA5GUXM52K&dchild=1&keywords=pisugar2+pro&qid=1598994885&sprefix=pisugar2,aps,149&sr=8-9&linkCode=sl1&tag=e074d-20&linkId=9acb2aeac9cfaae273afc60d5971fa2e&language=en_US

PIJUICE - A PORTABLE POWER PLATF

Detailed Description   BQ24160, CAT24C32, LC709203F Battery Board Power Management
Raspberry Pi Platform Evaluation Expansion Board

- [https://www.digikey.co.nz/en/products/detail/pi-supply/PIS-0212/8136038?utm_adgroup=Evaluation%20Boards%20-%20Expansion%20Boards%2C%20Daughter%20Cards&utm_source=google&utm_medium=cpc&utm_campaign=Shopping_Product_Development%20Boards%2C%20Kits%2C%20Programmers&utm_term=&productid=8136038&gclid=Cj0KCQjwwfiaBhC7ARIsAGvcPe7aFQkAntZLQwxoyl6HPm9Kc15r_rLKiQGu_pI8n2j_hiz6e4NZoz8aAnHQEALw_wcB](https://www.digikey.co.nz/en/products/detail/pi-supply/PIS-0212/8136038)
- https://uk.pi-supply.com/products/pijuice-standard

Raspberry Pi 4 module B Uninterruptible Power Supply UPS HAT , Stable 5V Power Output for Raspberry pi 3B/3B+/4B dropship

●Based on Raspberry Pi 40pin GPIO interface, suitable for Raspberry Pi series motherboards
●It can communicate through I2C interface, measure battery voltage, current, power and remaining power and other parameters, and detect module working status in real time
●Onboard battery protection circuit, anti-overcharge, anti-over-discharge, anti-over-current, anti-short circuit and anti-reverse connection, balanced charging, stable and safer work
●Onboard 5V voltage regulator chip, up to 2.5A continuous output current Onboard USB interface, can output 5V power supply, convenient to supply power to other main control boards
●Onboard warning indicator, easy to check whether the battery is connected reversely
●Provide complete supporting information manual

- [https://www.aliexpress.com/item/4001283047761.html?UTABTest=aliabtest343279_484915&_randl_currency=NZD&_randl_shipto=NZ&src=google&src=google&albch=shopping&acnt=494-037-6276&slnk=&plac=&mtctp=&albbt=Google_7_shopping&albagn=888888&isSmbAutoCall=false&needSmbHouyi=false&albcp=9444695485&albag=99457316601&trgt=1459734606882&crea=en4001283047761&netw=u&device=c&albpg=1459734606882&albpd=en4001283047761&gclid=Cj0K](https://www.aliexpress.com/item/4001283047761.html)

CQjwwfiaBhC7ARIsAGvcPe58CLCNovYMAvsWBhGfYBfT_tfFwDCV_0mZhIZMCWC7YnerraqWahkaAokiEALw_wcB&gclsrc=aw.ds&aff_fcid=0a22daf45f8a476a973e2a2f9c3af05e-1667184873150-05470-UneMJZVf&aff_fsk=UneMJZVf&aff_platform=aaf&sk=UneMJZVf&aff_trace_key=0a22daf45f8a476a973e2a2f9c3af05e-1667184873150-05470-UneMJZVf&terminal_id=b305f5b7c4e84b918ff82b658bf96fa4&OLP=1084400108_f_group1&o_s_id=1084400108&afSmartRedirect=y