

Mobile Stromversorgung / Li-Ion Akku HAT für Raspberry Pi



Artikel-Nr.:	RPI-AKHAT
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	84733020
Gewicht:	0.031 kg

Overview

The Li-ion Battery HAT integrates SW6106 power bank management chip, allows providing 5V regulated power supply to your Pi from a 14500 battery, makes the Pi becomes a portable device. It will charge the battery as well, supports bi-directional quick charge. This module can be used as a universal mini power bank, also works with other 5V devices.

Features

- Onboard SW6106 chip, supports bi-directional quick charge, supports multi quick charge protocols like PD/QC/FCP/PE/SFCP
- Lithium battery protection circuitry, provides reverse protection, over charge/discharge protection, over current protection, and short circuit protection
- Onboard indicators: quick charge, warning, and power capacity

Specifications

- Output voltage: 5V
- Applicable battery: 3.7V 14500 lithium battery (4.2V when full charged)
- Dimension: 65mm × 30mm
- Mounting hole size: 3.0mm
- Weight: 0.021 kg

Lieferumfang:

Li-ion Battery HAT x1

RPi screws pack (2pcs) x1

Note: the Raspberry Pi and 14500 battery in the photo are NOT included!

Dokumentation & Downloads

Wiki: www.waveshare.com/wiki/Li-ion_Battery_HAT



1. Raspberry Pi GPIO extension for connecting Raspberry Pi
2. USB Type-A connector
3. USB Type-A connector battery charge/discharge output
4. USB Type-A connector power input
5. Micro USB connector battery charge
6. Micro USB connector battery output
7. Raspberry Pi power switch
8. Battery voltage/temperature indicator LEDs to indicate battery status
9. Battery power capacity indicator LEDs to indicate battery capacity and charging status
10. Battery power capacity indicator LEDs to indicate battery capacity and charging status
11. Battery power capacity indicator LEDs to indicate battery capacity and charging status

