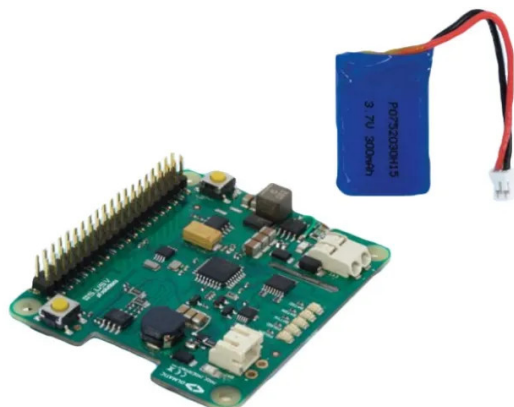


Item no.: EP-UPSUSVUPSHAT

EP-UPSUSVUPSHAT - UPS and Wide Range DC-in HAT

77,50 EUR

Item no.: EP-UPSUSVUPSHAT
 shipping weight: 0.20 kg
 Manufacturer: UP Bridge the Gap



Product Description

AAEON EP-UPSUSVUPSHAT - UPS and Wide Range DC-in HAT Ideal UPS for all UP boards with an integrated and adjustable charger, includes useful and innovative additional functions and is perfectly suited for complex work in the extended voltage range.

The S.USV UPS is a fully functional plug & play solution. The power supply occurs directly through GPIO on the UP board and therefore uses a common voltage source, thus no additional cabling or power supply is needed. Moreover, the module is equipped with a LiPo battery. An integrated boost switching power converter covers the necessary voltage range, thereby the UP board shuts down safely in case of malfunction and prevents data loss.

The S.USV UPS also provides a power input for the extended voltage range of 7 – 24 volts (solar cells, automotive applications, etc.).

To ensure uninterrupted power supply of the UP board, the S.USV UPS offers a fully integrated monitoring system with a wide spectrum of operating options. All possible operating states of the UP board are monitored internally, so the module is always in a position to respond to malfunctions accordingly.

All these features work automatically. In addition, the user has the possibility to check and control all operating states or switch operations on a software including mobile applications via smartphone or tablet.

Included:

- S.USV UPS (UPS module)
- LiPo battery with 300 mAh
- PicoBlade cable (power on button)
- Mounting kit
- Plug & play: yes
- Power supply: 5 Volts / 2500 mA
- Extended voltage range: 7-24 Volts / 5000 mA
- Interfaces: IC
- ID EEPROM: yes
- Monitoring system: yes
- LiPo battery: yes
- Battery management: yes
- Battery monitoring: yes
- Real-time clock: yes
- Supply switch: yes
- Compatibility: all UP boards
- Dimensions: 65 x 56,5 mm

Specifications

Scan this QR code to
 view the product
 All details, up-to-date
 prices and availability

