

HealthLab Battery Pack AP-5002



Technical Data

Designation

HealthLab Battery Pack AP-5002, external voltage supply

Type of Battery:

lithium polymer accumulator

Battery Capacity at 5 V DC:

approx. 1.200 mAh

Nominal Input-Voltage / -Current:

5 V DC / max. 500 mA

Nominal Output-Voltage / -Current:

5 V DC / max. 500 mA

Climatic Conditions

acc. to DIN EN 60204-1 (10-2014)

Ambient Temperature

operation: -20 ... +55 °C
transport / storage: -25 ... +60 °C

Humidity / Altitude

20 ... 90 % RH (without condensing)
up to 8.000 m

Dimensions

W / H / D : 84 x 58 x13 mm
(without wiring)
weight : 71 g

The HealthLab Battery Pack AP-5002 is used for the realisation of longer measurement durations with the HealthLab monitoring system under maintaining of the mobility of the proband. The device is connected to the USB Interface of the Heally Master (e.g. HealthLab HFM-01) and supports in this way an additional voltage supply of the master, as well as of the connected satellites. By actuating the switch-on- and battery-check-button (CHECK / ON), the AP-5002 is activated, respective the state of charge of the device is checked (at low capacity only the right LED lights, when fully charged all four LED lights). If no current ($I < 20$ mA) is obtained from the battery over a period of more than 60 seconds, the device automatically turns itself off. On critical errors, e.g. a short circuit at the voltage output, the AP-5002 turns off. By means of the reset button at the top edge of the device, it can be reactivated.

Note: On initial commissioning, the unit is to be charged for the duration of 8 hours, after that, charging is performed as required.

Attention: While the AP-5002 is connected to the HealthLab measuring system, the battery pack must not be charged (observe the hints on the backside of the device)!

Links on further documents:

- Hardware: Master HFM-01 → <https://secure.turboj.de/documents/HFM-01.pdf>
- Software: Heally Control → https://secure.turboj.de/documents/Heally5_en.pdf

Ordering Information:

AP-5002 HL Battery Pack:

Part No

E1690