

Temperature logger Bio3 Freiburg

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Charging

Plug to USB power source and set switch to ON to position.

Yellow light ON indicates charging.

Yellow light OFF indicates no charging.

Charging from empty to full takes 8 hours (400 mA current for 2600 mAh)

For charging, you can remove the SD-card, if you do not want to log data.

If you leave the SD-card in the circuit during charging, data logging is continuously active.

Switch on signals

Three blinks in green indicate battery is ok to go for at least a few days.

Three blinks in red indicate that the battery is close to empty.

The numbers of subsequent green blinks indicate the number of sensors recognized.

Permanent green light indicates NO SD card recognized.

(Do not leave it this way, it will discharge the battery, please switch off.)

After the experiment, wash sensor with demineralized water to remove salt and other contaminations. This is to prevent corrosion and to increase durability.

Temperature sensor accuracy of TMP117A

± 0.1 °C (maximum) from -20 °C to 50 °C

NIST traceability

Medical grade: meets ASTM E1112 and ISO 80601-2-56