

Technical Data

Mains Power Supply

Battery

- Type 1 Cell – 2600 mAh Li-Ion
- Voltage 3,7 V
- Charge time 6 hours

AC Adapter

- Input voltage 90 to 264 V AC, 50/60 Hz
- Output voltage 12 V DC
- Output current 0,5 A

Output data

- | | Measuring range | Resolution |
|------------------------|-------------------------------------|------------|
| • Cell voltage | ± 30 V DC | 10 mV |
| | ±500 V DC | 100 mV |
| • Ambient temperature: | | |
| | -10 °C to +55 °C / 14 °F to +131 °F | |
| • Typical accuracy: | | |
| | ± 30 V DC; ± 500 V DC: | |
| | ± (0,05% rdg + 0,1% FS) | |

Display

- Type: TFT LCD 3.1 in
- Viewing Area:
43,2 mm x 57,6 mm / 1.8 in x 2.3 in
- Resolution: 320 x 240 pixels

Communication

- USB and Bluetooth: Device to PC connection

Memory

- Internal: 2 GB Micro SD Card

Real time clock

- Precision: ±5 seconds per month
- Calendar: 100 year with leap year detection
- Time retention: 10+ years (battery removed)

Environment conditions

- Temperature:
-10 °C to +45 °C / 14 °F to +113 °F
- Maximum relative humidity 95 % for temperatures up to 31 °C, decreasing linearly to 40 % relative humidity at 55 °C

Dimensions and Weight

- Dimensions (L x W x D):
223 mm x 98 mm x 46 mm
8.77 in x 3.85 in x 1.81 in
- Weight: 0,5 kg / 1.1 lbs

Warranty

- Three years

Applicable Standards

- Installation/overvoltage: category II
- Pollution: degree 2
- Safety: LVD 2006/95/EC (CE Confirm)
EN61010-1
- EMC: Directive 2004/108/EC (CE Confirm)
Standard EN 61326-1:2006
- CAN/CSA-C22.2 No. 61010-1, 2nd edition,
including Amendment1