Technical Data Sheet

Bluetooth Battery Capacity Monitor 10–80 V



Reference | INDKL110F

Battery capacity monitor (coulomb counter) designed to measure voltage, current, power, charge and discharge capacity, watt-hours and time.

It can also be configured to provide various protective functions.

Technical Specifications

Product reference: INDKL110F
Measurement method: shunt
Voltage measurement range: 0–120 V
Operating voltage range: 10–80 V
Voltage resolution: 0.01 V
Current measurement range: 0–100 A
Current resolution: 0.01 A
Operating temperature: -20°C to +120°C
Power range: 0–72 kW

The monitor automatically detects current direction, tracks battery capacity in real time and displays measurements via Bluetooth.

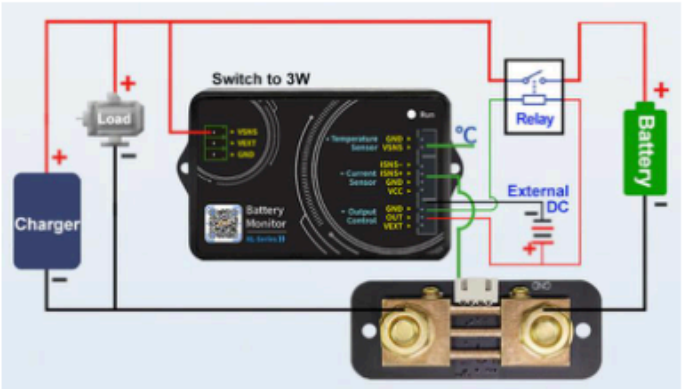
It can also be used to update the monitor and its firmware via the mobile app. RS485 communication is available.

Bluetooth communication range: 10 m.

Protection

- ✓ Overvoltage protection
- ✓ Undervoltage protection
- ✓ Overcurrent protection
- ✓ Overtemperature protection

Connection



CE RoHS Compliant

Mobile Application Interface



1. Main interface
2. Device identifier
3. Communication address
4. Measured voltage
5. Remaining battery capacity
6. Battery capacity (%)
7. Default battery capacity
8. Ambient temperature
9. Battery life
10. Bluetooth connection
11. Product reference
12. Control status
13. Measured current
14. Power
15. Energy consumption
16. Clear data
17. Accumulated capacity