Technical Data Sheet

Bluetooth Battery Capacity Monitor 10-120 V



Reference | INDKL140F

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

It can also set parameters to provide various protection functions.

TECHNICAL SPECIFICATIONS

Product reference:	INDKL140F
Measurement method:	Shunt
Voltage measurement:	0-120 V
Operating voltage:	10-80 V
Voltage resolution:	0.01 V
Current measurement:	0-400 A
Current resolution:	0.01 A
Temperature range:	-20 to +120 C
Power measurement:	0-72 kW

The monitor automatically determines current direction, tracks remaining battery capacity in real time and displays data via Bluetooth.

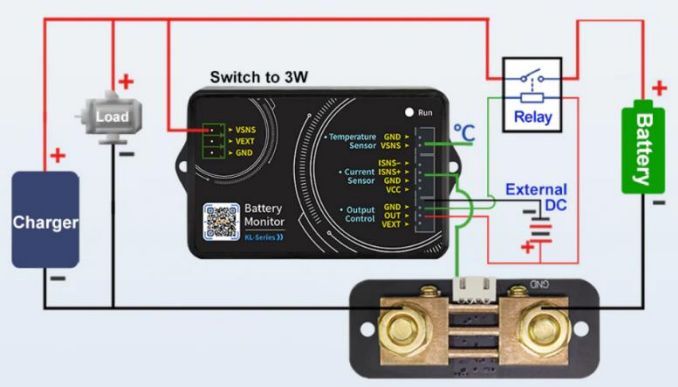
It can also be used to monitor the meter and microcontroller updates through the mobile application. RS485 connectivity is supported.

Bluetooth communication range: 10 m.

PROTECTION

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

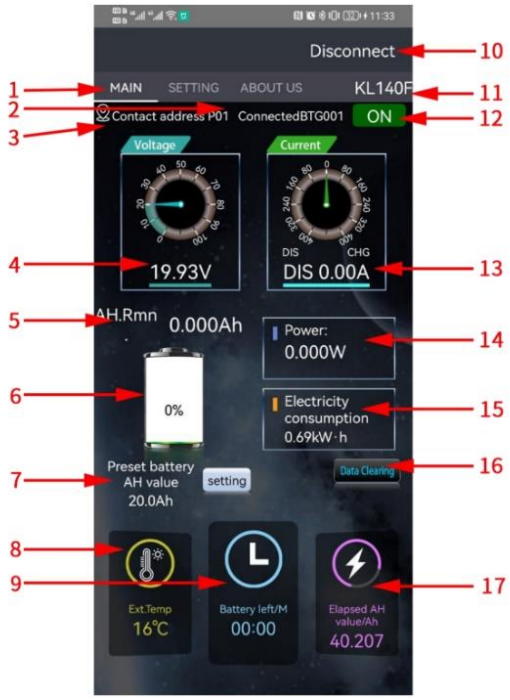
CONNECTION



CE RoHS Compliant

Technical Data Sheet

MOBILE APPLICATION INTERFACE



1. Main interface
2. Device identifier
3. Communication address
4. Measured voltage
5. Remaining battery capacity
6. Battery capacity percentage
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. Electricity consumption
16. Clear data
17. Accumulated capacity