Technical Data Sheet

Programmable Battery Capacity Indicator 7-90 V





Reference | IND002R

Universal programmable battery capacity indicator for batteries from 7 to 90 V.

Protection

· Reverse-polarity protection

Technical Specifications

Product reference:
IND002R

Input voltage range:
7-90 V DC

Display current consumption:
< 15 mA

Operating temperature:
-20°C to +80°C

Front-panel mounting hole:
55 mm

Dimensions:
Ø 59 × 18 mm

Can be installed in a panel. The indicator can be set according to battery voltage to display the remaining charge.

Connects directly to the battery positive (+) and negative (-) terminals.

Colour LCD display with a bar graph for a quick indication of the battery charge level.

Operation and Programming

The indicator is factory-set for a 12 V LiFePO4 battery.

To enter programming mode, press and hold the button for 2 seconds. Once in programming mode, press briefly to scroll through the settings pages.

L03:	Lithium-ion batteries: number of cells in series, 03-22
F03:	LiFePO4 batteries: number of cells in series, 03-22
P12:	Lead-acid batteries: 12 V, 24 V, etc.
Umin:	Minimum voltage for a linear scale with other battery chemistries
Umax:	Maximum voltage for a linear scale with other battery chemistries
% capacity:	Select ON to display or OFF to hide
b-0:	Display timer: b-0 always on; b-1 10 s; b-2 20 s; b-3 30 s, etc.

To open a settings page and edit a value, hold the button for 2 seconds. When the value flashes, press briefly to change it. Hold for 2 seconds to confirm and return to the settings menu.

When programming is complete, hold the button for 2 seconds to exit. All settings are saved, even if power to the indicator is disconnected.