Battery indicator

SL-BI011A

LCD Battery Indicator BI011A 12v/24v/36v/48v For ATV UTV Tractor Golf Carts Cleaning Vehicle Forklift Truck Club Car.
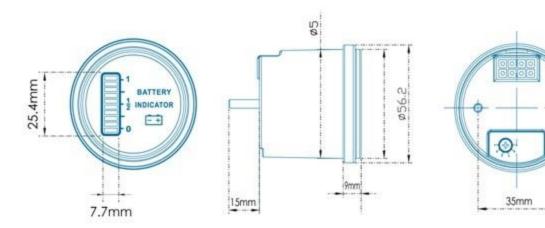
[PRODUCTS DESCRIPTION](#)

SL-BI011A LCD battery indicator. It can work on most lead acid storage battery .It has a powerful battery indicator system and some other unique function design.

Battery Indicator System Including: Delay Display Function,Power off Memory Function, Recognition False Battery Charging Signals Function, 6 Optional Battery Types,etc.

Unique Design Including: easy installation, waterproof Rate IP65, data stored automatically after diaconnecting with the battery, etc.

Product Model	SL-BI011A
Display Screen	LED
Product Size	Ø 56mm×65mm
Operating voltage	25.5×36mm
External power supply	DC 12-48V
Voltage Accuracy	±0.5%
Charging delay time	200S
Delay time of every bar	155S
Speed accuracy	±2km
Packing Size	70mm*70mm*70mm
N.W.	108g
Waterproof Rate	IP65
Housing Material	ABS + Aluminium alloy
Package	white box

LED battery indicator

SL-BI011A

Battery

Battery Indicator System

LED Indicator Light Display Area

10 Segment LED Bar Graph display   3 Color LED Display

BATTERY INDICATOR

x 7green

x 2yellow

x 1red

Battery Indicator System

4 voltages selectable

| 12v | 24v | 36v | 48v |

When connected to 12V/36V battery or 24V/48V battery, it will distinguish the voltage automatically.
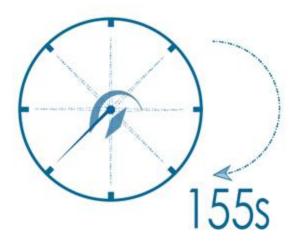
BATTERY INDICATOR

Custom voltage is available, please contact our service center.

Delay Display Function

155s delay when battery capacity down suddenly with big power cost Avoid meter display up and down too quick. Let user knows the actual capacity.

(eg: When a e-bike climb a mountain, meter will display nearly empty, but actually it has many power left.)
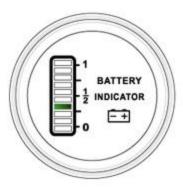
155s

BATTERY
INDICATOR

Battery Indicator System
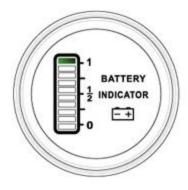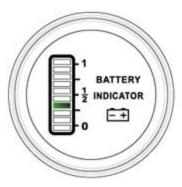
Power off Memory Function

When cut power with the meter,
it will record power consumption at the time.

BATTERY
INDICATOR

After re-connected with power,
if the battery is fully charged,
battery indicator will display full power.

BATTERY
INDICATOR

When battery is not full powered,
it will display when the power is off.

BATTERY
INDICATOR

Battery Indicator System

Recognition false battery charging signals Function

Only when battery charging
higher than definite voltage and last more than 200s
can it be recognized to full battery.

display 10 segments circularly

After 200s

Battery Indicator System

Meter display only down no up

Meter display can only from full to empty, can not up.
While using battery,it will not add capacity midway as we all know.

Battery level indicates
From up to down

Battery Indicator System

Optional battery types

6 Battery type can be selected via the potentiometer at the back of the meter. Default type: A

Type	The fully discharged value	The fully charged value	Charging voltage
A	1.73	2.04	2.08
B	1.85	2.02	2.06
C	1.75	1.97	2.01
D	1.90	2.03	2.07
E	1.98	2.08	2.12
F	1.63	1.97	2.02

Custom voltage is available, please contact our service center.

unique Design

BATTERY INDICATOR

Definition of connection port

2 Relay outputs function

Docking contactor according definition with the device port one.

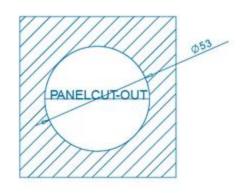| 8	7	6	5
4	3	2	1

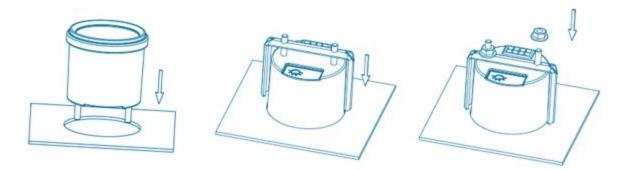| 1/2	Relay outpout port, small electric current 1A
3/4	Relay outpout port, big electric current 5A
5	Negative pole of power source input, connected to the negative pole of the battery.
6	Switch key, connected to the positive pole of the battery.
7	Battery input positive 12V-36V
8	Battery input positive 24V-48V

Easy to install, complete accessories

Save time and effort, tool-less design

① Installation hole dimensions:

Ø53

PANEL CUT-OUT

② Insert the meter into the mounting plate, Mounting brackets pass through the screws and the top side against the mounting plate, and secured by screw nuts.

Low Power Consumption

Low-power consumption design
Connect with power,
help save more battery energy.

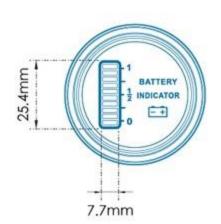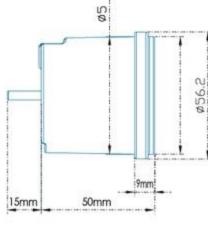**A** MIN Electricity

PCB

Meticulous PCB design

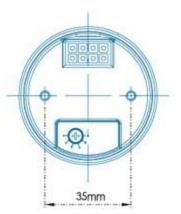More reliable, stable and accurate

High-quality electronic components.
Fully automated patch.
Optimized circuit design.

Dimensional Drawing

White box packing, More safe transportation.

25.4mm

7.7mm

BATTERY INDICATOR

Ø5

Ø56.2

15mm 50mm 9mm

35mm

Specifications		Operating voltage	DC 12-48V	Packing Size	70x70x70mm
Product Name	LED battery indicator	Working Current	9mA	Waterproof Rate	IP65
Item Number	SL-BI011A	Voltage Accuracy	±0.5%	N.W.	108g
Product Size	Φ56mm × 65mm	Charging delay time	200S	Housing Material	ABS+ Aluminium alloy
Display Screen	LED	Delay time of every bar	155S	Package	White box