

Battery indicator



SL-BI002

12V 24V 36V 48V 72V LED battery indicator battery fuel gauge battery charge gauge for DC powered equipment such as fork lifts, golf carts, floor care equipment, and any other battery powered equipment.

PRODUCTS DESCRIPTION

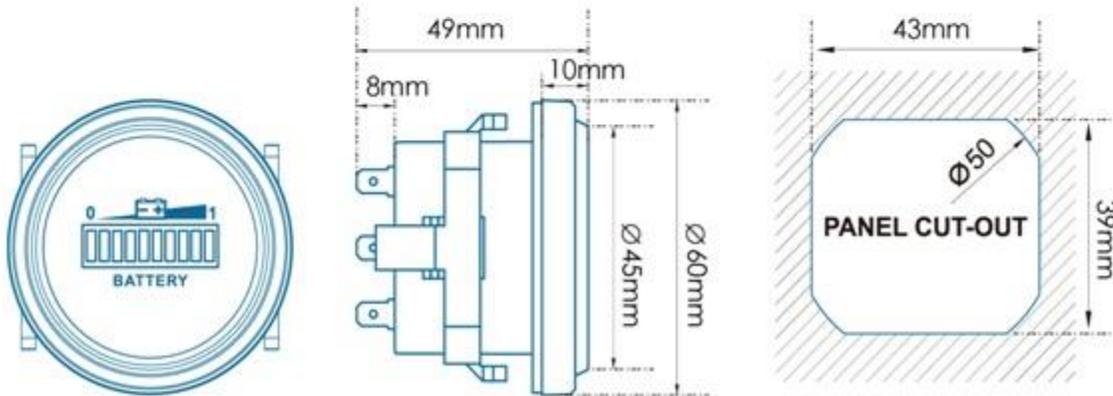
SL-BI002 Battery Indicator. It can work on most lead acid storage battery. It has a powerful battery indicator system and some other unique design.

Battery Indicator System Including: Delay Display Function, Power off Memory Function, Open Circuit Reset Function, etc.

Unique Design Including: easy SNAP-IN installation, data stored automatically after disconnecting with the battery, etc.

SPECIFICATIONS

Product Model	SL-BI002
Rating Input Voltage	DC 12V/24V,36V,48V/72V
Capacity	1Red 2 Yellow 7 Green color LED for indicator
Resolution	10% per LED segment
Accuracy	+/- 0.5%
Operating Current	20 mA nominal
Operate Humidity	<+90%RH
Storage Temperature	-40°C - +85°C
Operating Temperature	-30°C—85°C
Polarity	Positive/Negative/(C R optional)
Individual Packing	White box
Gross Weight	65g/PC





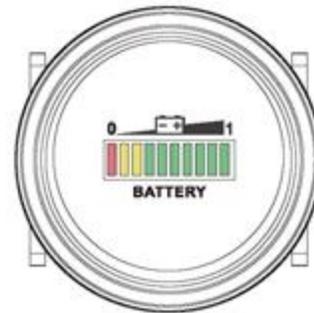
Lead acid storage battery indicator

SL-BI002

LED Battery Meter

The new LED volt meter design for buyer who would like to know the real time information about battery. With the warning light design, buyer could easily know that the battery is in good or bad condition and react on time.

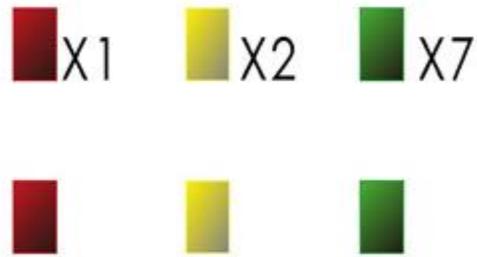
Show battery level



LED Battery Indicator

Battery Indicator

10 Segment LED Bar Graph display 3 Color LED Display



Unique Design

Easy Installation

Waterproof IP65

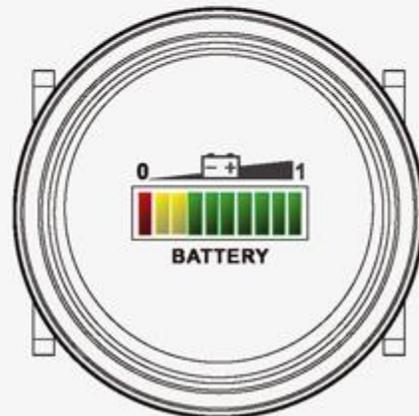
LED Battery Indicator

LED light

1 red

2 yellow

7 green



Battery Indicator System

One Meter for All 12/24V 36V 48/72V Battery

Suit for lead acid storage battery(liquid) only in stock.
Other battery type please contact our service center.

Suit for

12v
Battery

24v
Battery

36v
Battery

48v
Battery

72v
Battery

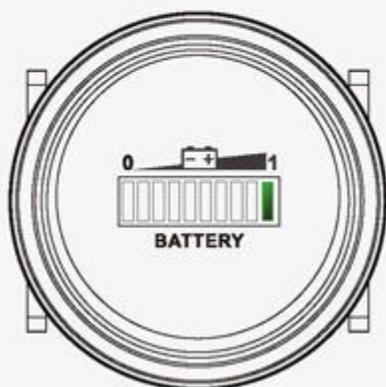
Battery Indicator System

Open circuit reset function

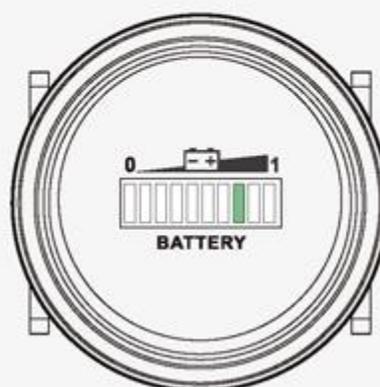
Can Intelligent Identify new battery.

When battery indicator connect with new battery,it will display full.
After 155s, it will display the real battery level segment.

Connect with new battery



After 155s



Battery Indicator System

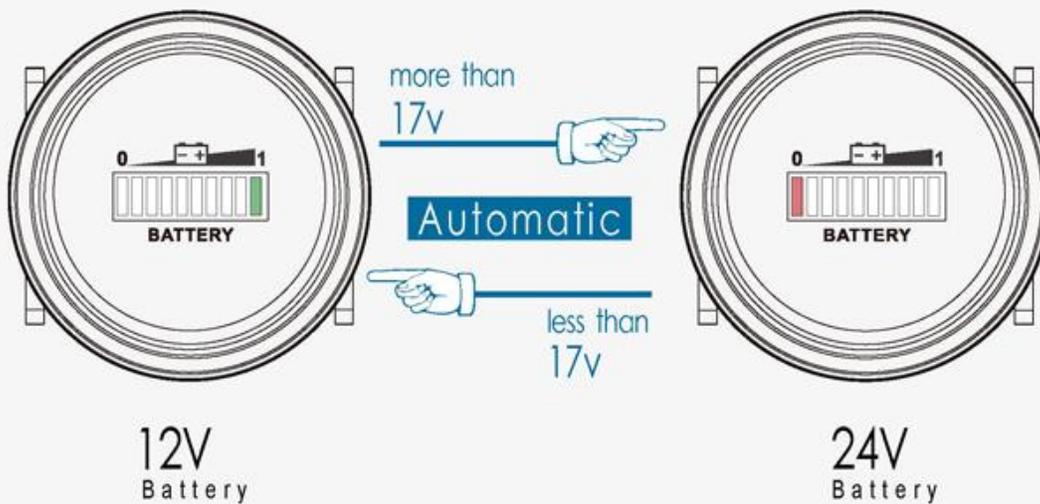
Three Pin & Automatic Identification

12v / 24v

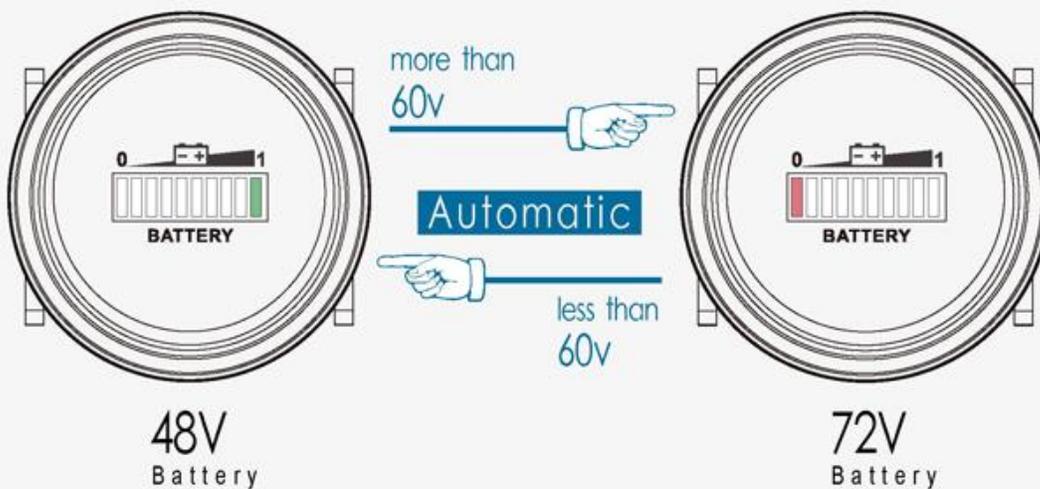
36v

48v / 72v

12,24v Battery Automatic Identification



48,72v Battery Automatic Identification



Battery Indicator System

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.

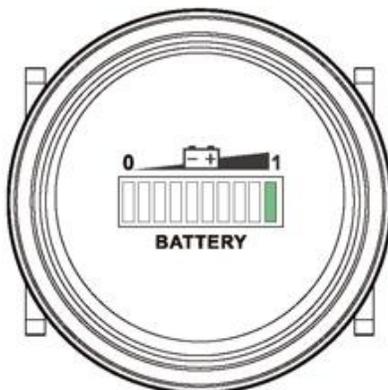
(eg: When a e-bike climb a mountain, meter will display nearly empty, but actually it has many power left.)



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

Recognition false battery charging signals Function

Only when battery charging
higher than definite voltage and last more than 6 minutes
can it be recognized to full battery.

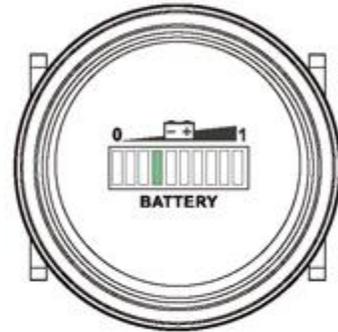
display 10 segments circularly



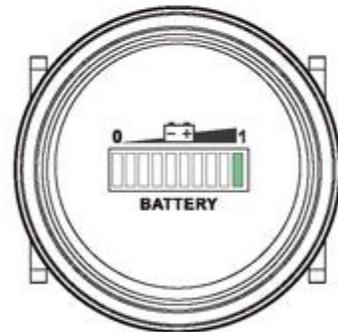
Battery Indicator System

Power off Memory Function

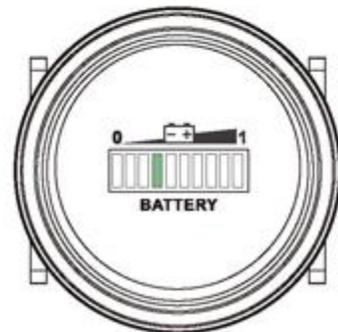
When cut power with the meter,
it will record power consumption at the time.



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



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



Design



UNIQUE



Low Power Consumption

Minimum Current : <math><20\text{mA}</math>

Low-power consumption design
Connect with power,
lifetime more than 20 years.



Meticulous PCB design

More reliable, stable and accurate

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



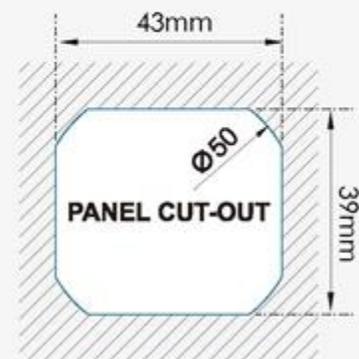
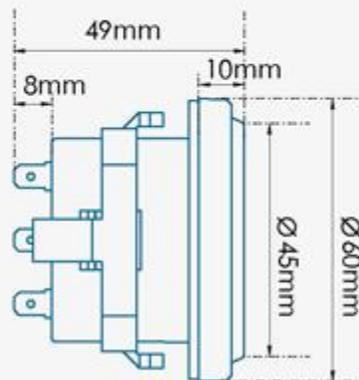
Data Storage Automatically

Save all data automatically,
never lose data after replacing battery

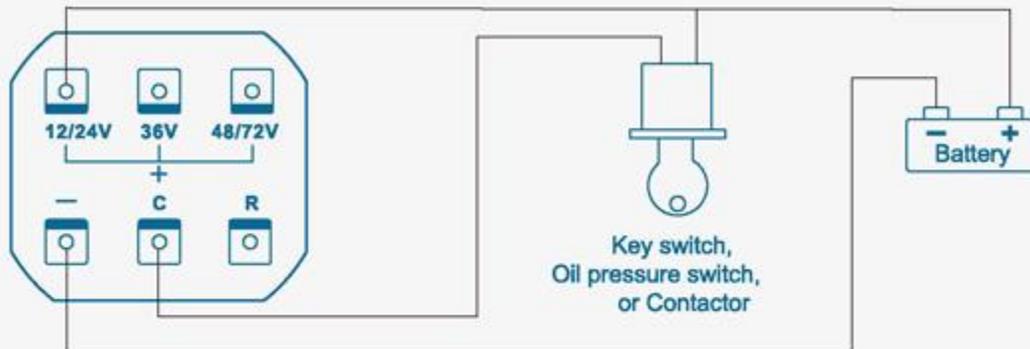
The product automatically save all the data and parameters set by the user. High quality **CMOS EEPROM** memory, accurate and reliable data storage. When replacing the battery, data will not be lost.

Dimensional Drawing

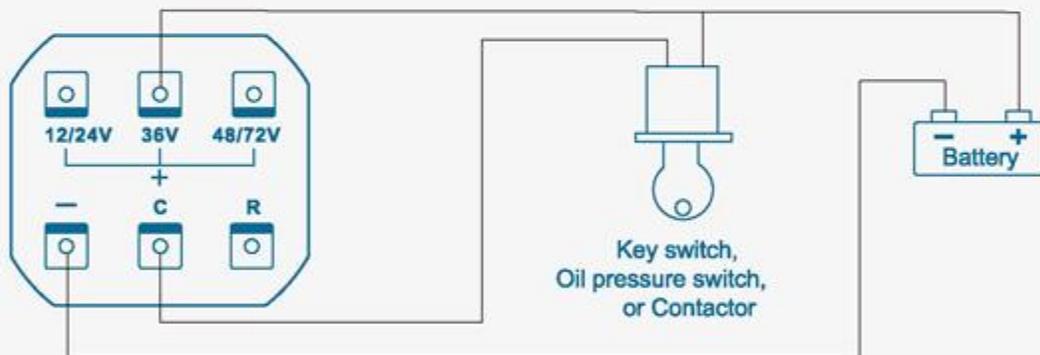
white box packaging, More safe transportation.



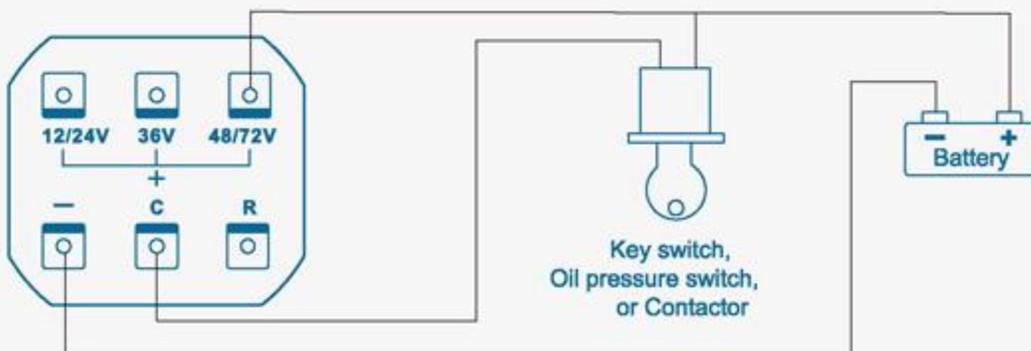
If the voltage of your battery is 12V or 24V



If the voltage of your battery is 36V



If the voltage of your battery is 48V or 72V



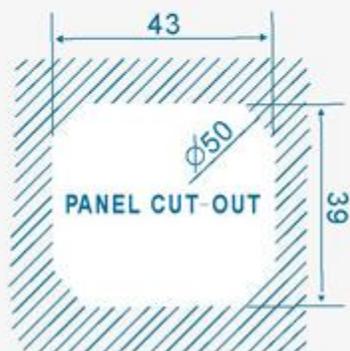
specification

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Polarity	Positive/Negative/(C R optional)
Individual Packing	White box
Gross Weight	65g/PC

Easy Installation

Snap-in installation, save time and effort, tool-less.

Drill corresponding holes in the mounting plate.



Insert the meter into the mounting plate with rubber.

Tighten meter with a mounting bracket.

