



PowerInverter
Líderes en transformaciones de energía



Lead acid storage battery indicator

POWER INVERTER LTDA, Pasaje Enrique Campino 763

La Florida, Santiago – CHILE, Tel. 227615261

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LED Battery Indicator

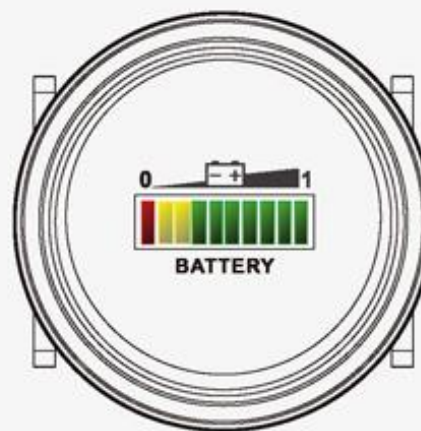


LED light

1 red

2 yellow

7 green



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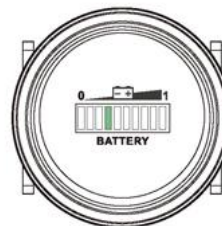
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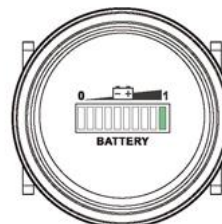
Battery Indicator System

Power off Memory Function

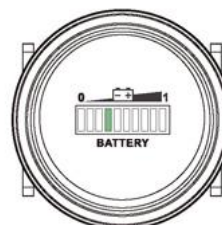
When cut power with the meter,
it will record power consumption at the time.



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.



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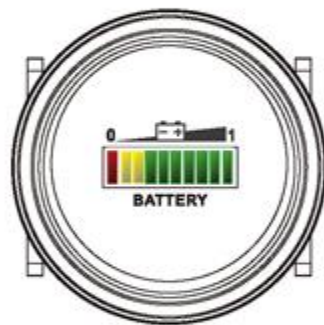
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LED Battery Indicator

Battery Indicator

10 Segment LED Bar Graph display 3 Color LED Display



Unique Design

Easy Installation

Waterproof IP65

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Battery Indicator System

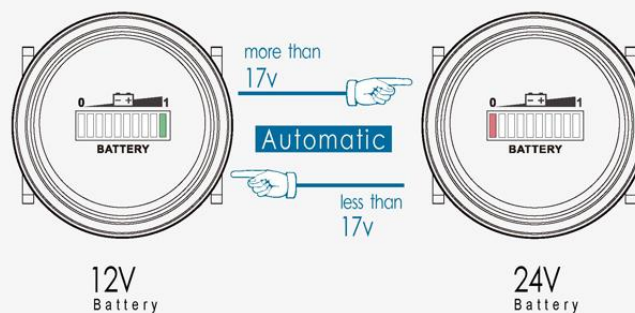
Three Pin & Automatic Identification

12v / 24v

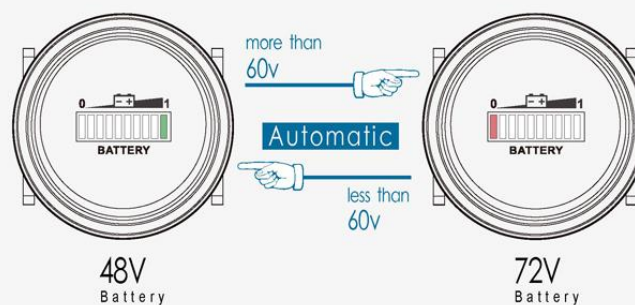
36v

48v / 72v

12,24v Battery Automatic Identification



48,72v Battery Automatic Identification



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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



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12v
Battery

24v
Battery

36v
Battery

48v
Battery

72v
Battery

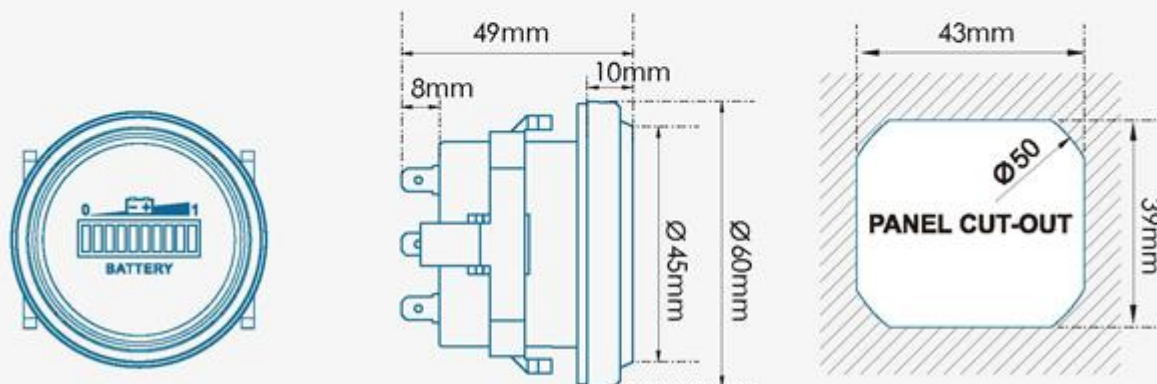
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Dimensional Drawing

white box packaging, More safe transportation.



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specification

Product Model Number	RL-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

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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



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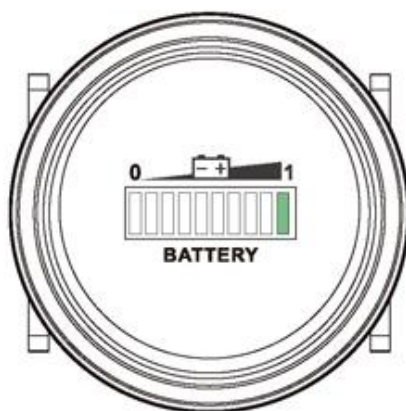
Battery Indicator System

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.



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Battery level indicates
From up to down



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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.)



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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

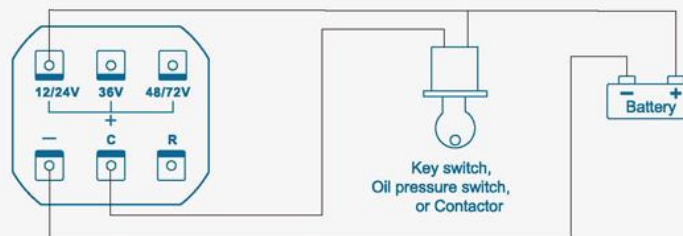


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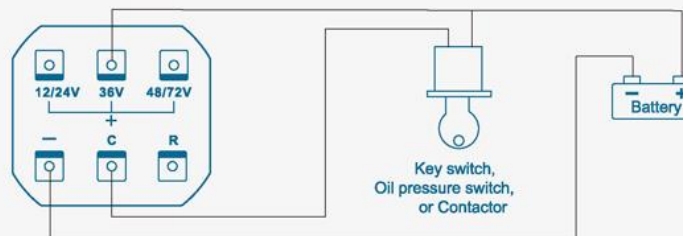
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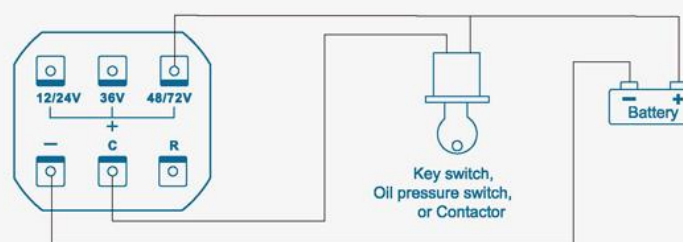
If the voltage of your battery is 12V or 24V



If the voltage of your battery is 36V



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



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Low Power Consumption
Minimum Current : $<20\text{mA}$
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.



Design
UNIQUE



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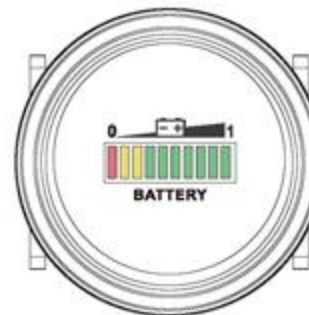
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LED Battery Meter

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



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Unique Design Dustproof waterproof

Dustproof waterproof level : IP65



Surface-water isolation design



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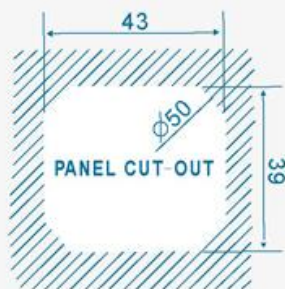
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Easy Installation

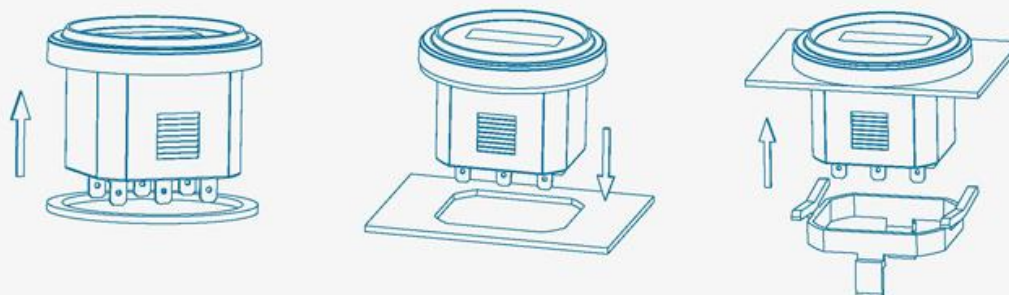
Snap-in installation, save time and effort, tool-less.

Drill corresponding holes in the mounting plate.



Insert the meter into the mounting plate with rubber.

Tighten meter with a mounting bracket.



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