



## LCD Battery Indicator

**RL - BI008**



Waterproof



Backlight



Battery



POWER INVERTER LTDA, Pasaje Enrique Campino 763

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#### Low Power Consumption

Minimum Current :30mA  
 Low-power consumption design  
 Battery more durable  
 Avoid replacing battery frequently.



#### Meticulous PCB design

More reliable, stable and accurate  
 High-quality electronic components.  
 Fully automated patch.  
 Optimized circuit design.



#### Battery Power Display

4 Bar power display, remind replace battery  
 When the battery is empty, flashes to remind replace batteries.  
 To know the remaining capacity of the tach hour meter's battery.  
 To ensure adequate power of every use.  
 To make sure clearly visible of LCD every time.

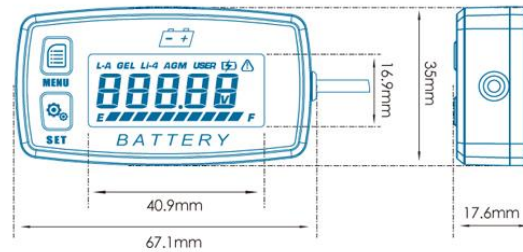


#### Data Storage Automatically

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 EEPROM memory, accurate and reliable data storage.  
 When replacing the battery, data will not be lost.

## Dimensional Drawing

Other Specifications Digital display height 0.5 "(12mm)  
 Double blister card packaging, More safe transportation.



### Specifications

Screen Size	40.9mmX16.9mm	Package	Double blister card		
Product Name	LCD Battery Indicator	Button Type	Touch Switch	Packing Size	190mm*113mm*25mm
Item Number	RL-B008	Induction Wire Type	UL2464 26AWG/2C	N.W.	46.7g
Product Size	67.1mmX33mmX17.6mm	Housing Material	ABS	Waterproof Rate	IP65
Display Screen	LCD + Green Backlight	Display Panel Material	Transparent Acrylic	Induction Wire	1.2m



Assessed Supplier



TÜVRheinland®  
 Precisely Right.

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# Unique Design Dustproof waterproof

Dustproof waterproof level : IP65



Surface-water isolation design  
Buttons' bottom-irrigation methods  
sealing glue design



Lead end and backside  
waterproof seal ring design



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# Unique Design

BACKLIGHT

Green high light backlight, data visible in darkness. Green backlit display, the screen more clearly. Easy to set parameters and read data at darkness. Lit the screen by pressing the button, backlight will display 2S, more power save. When the input voltage less than 9V, backlight will be closed.



## Features-Large LCD

Largest LCD in similar products



5 digit large display,  
easy to read



LCD size 1.65"x0.7" (40.9mmx16.9mm) RL-BI008's LCD is 2.9 times as big as RL-HM006 2.1 times as big as RL-HM018R. Data reading is easier.

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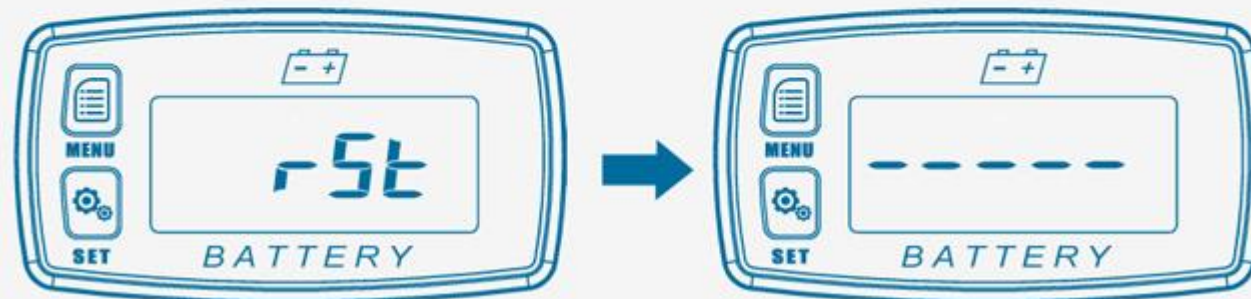
# Restore Factory Defaults

Easy operation, easy realization



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Long press MENU + SET 5 s restoring



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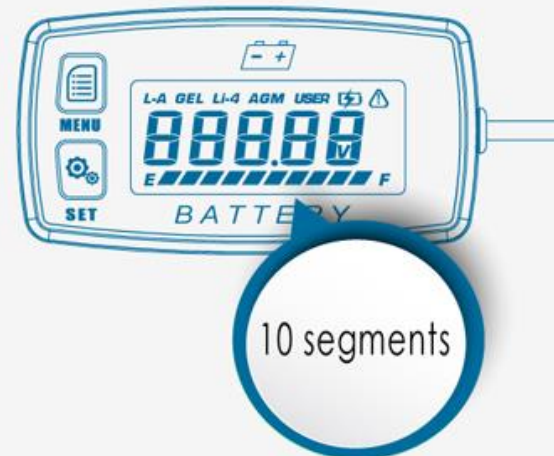
## Recognition false battery charging signals Function

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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## Overvoltage & undervoltage reminder

Overvoltage and undervoltage data can be set by user to know and protect the battery.

When the voltage data is larger than set data, "H" will display and ! blink.  
When the voltage data is smaller than set data, "L" will display and ! blink.



Overvoltage



Undervoltage

## Delay time of rising and falling

Set the delay time of rising and falling according to battery's working features.

Avoid sudden big power output making dramatic changes of battery level.  
Let measured data more accurate.



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The setting range is 0-250.



↑ Rising



↓ Falling according

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# Charging voltage settable

## Charging voltage settable and viewable

Charging voltage can be set by user to make sure indicating the process of charging correctly.



Settable+  
viewable



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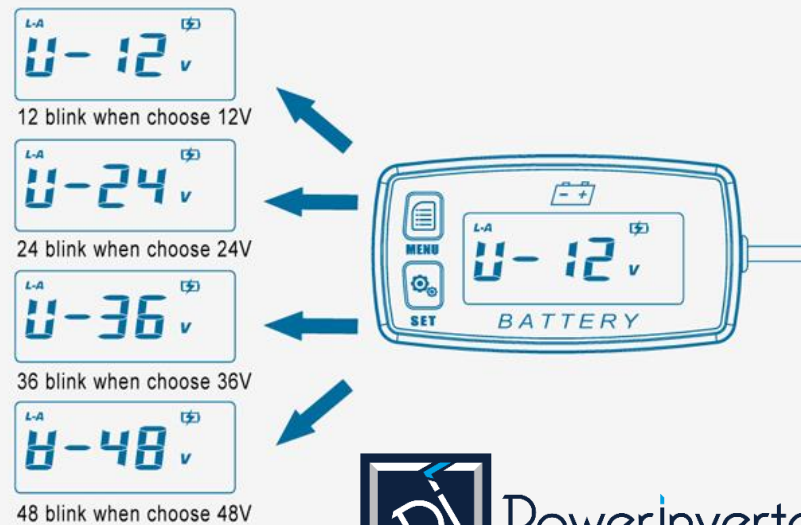
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## 4 voltages selectable

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

One meter, wide usage.

When connected with battery, it will automatically identify the voltage.



# All battery type can be used

**4 battery types + 1 battery data can be set any by user  
suit for all battery**

Select the corresponding battery type based on user requirements  
If no suitable type, data can be set by user to make sure 100% matching.

- **L-A:** Lead-acid storage battery
- **GEL:** GEL battery
- **Li-4:** LiFeO<sub>4</sub> battery
- **AGM:** AGM battery
- **USER:** USER set

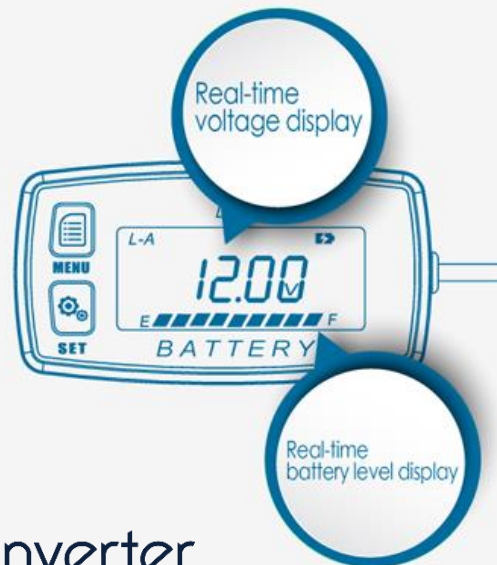


## Voltage + Battery level real-time display

**Voltage and battery level test and display at the same time**

Real-time voltage display

Real-time battery level display



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## Multifunction voltmeter battery indicator

### 1 Powerful function

- 1 4 battery types +  
1 battery data can be set any by user
- 2 4 voltage
- 3 overvoltage and undervoltage reminder

etc

### 2 Unique design

- 1 Large LCD green backlight ,
- 2 Data storage,
- 3 Restore Factory Defaults

etc

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