

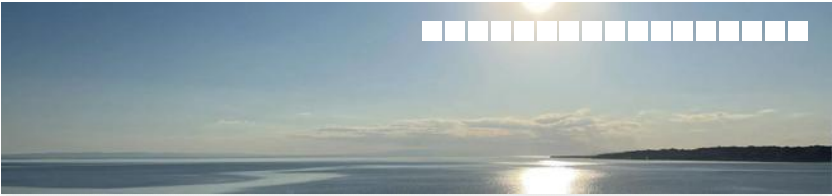


Category

- SWITCH
- SOCKET
- INDICATOR
- SENSOR
- ELECTRO-MODULE
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INDICATOR / SNAP IN TYPE

RL-BI Series
LED battery indicator/battery fuel gauge
for dc powered equipment

12V to 72V battery indicator voltage range
Battery status indicator with 1 red, 2 yellow, 7 green
Automatic identification of the battery is not properly charged
Key switch connection or direct connection
Sealed protection to IP65 rating



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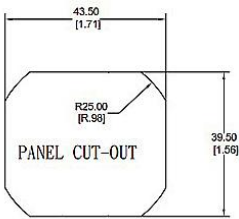
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Feature

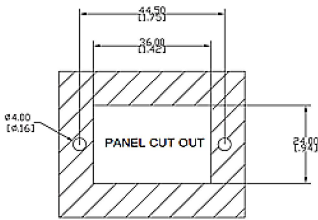
- Battery type: Lead-acid battery
- Voltage rage: DC 12V/24V, 36V, 48V/72V
- LED display mode: 10 Segment LED Bar Graph
- LED color selection: 1 red, 2 yellow, 7 green
- Display mode: Single display
- Discharge mode: Gear down, default: 155s
- Charging mode: Gear up, default: 200s
- Voltage display accuracy: < +/- 5%
- Operating voltage: DC 9~85V
- Working current: ≤20mA nominal
- Working temperature: -20℃ ~ 65℃
- Application: Fork lifts, golf carts, floor care equipment, and any other battery powered equipment

Specification

Panel cutout

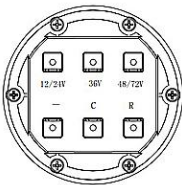


RL-BI002

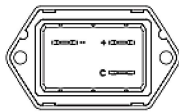


RL-BI001

Terminal spec



RL-BI002



RL-BI001

2/24V	Power input positive terminal and connect positive pole of power supply, range DC 9~28V
36V	Power input positive terminal and connect positive pole of power supply, range DC 15~45V
48/72V	Power input positive terminal and connect positive pole of power supply, range DC 20~85V
-	Power input negative terminal and connect negative pole of power supply
C	Key switch - connect the positive pole of battery

Battery level

Battery type (customizable)		Battery level									
		1	2	3	4	5	6	7	8	9	10
Lead Acid	12V	10.38	10.59	10.80	11.01	11.22	11.43	11.64	11.85	12.30	>12.3
	24V	20.76	21.18	21.60	22.02	22.44	22.86	23.28	23.70	24.60	>24.6
	36V	31.14	31.77	32.40	33.03	33.66	34.29	34.92	35.55	36.90	>36.9
	48V	41.52	42.36	43.20	44.04	44.88	45.72	46.56	47.40	49.20	>49.2
	72V	62.28	63.54	64.80	66.06	67.32	68.58	69.84	71.10	73.80	>73.8

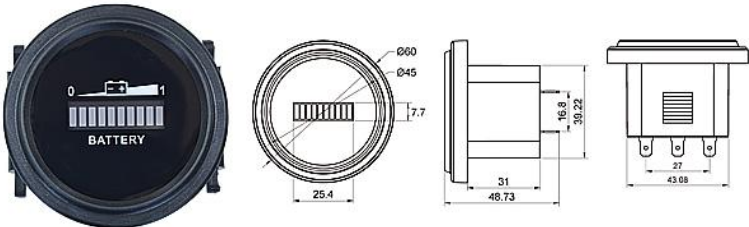
Note:

1. Display: Battery display mode: 10 LED lights, 1 red, 2 yellow and 7 green.
2. Power function:
- Automatically identify the current remaining power when powered on.
 - Power delay function (can be customized: discharge step by step, delay 155S to drop a step, charge step by step, delay 200S to rise a step.
 - Different battery types can be customized.

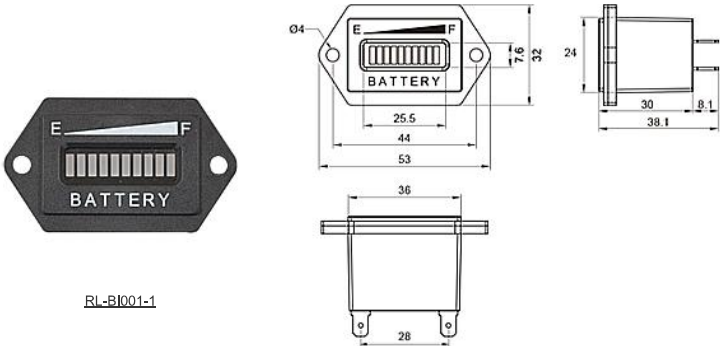
Download operating instructions



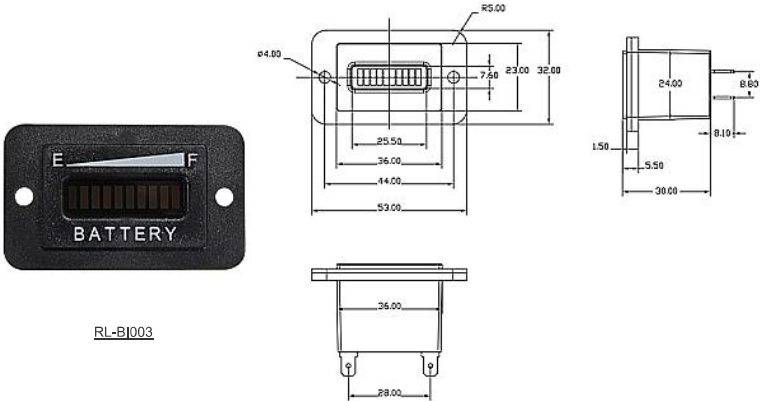
Item



RL-BI002



RL-BI001-1



RL-BI003



