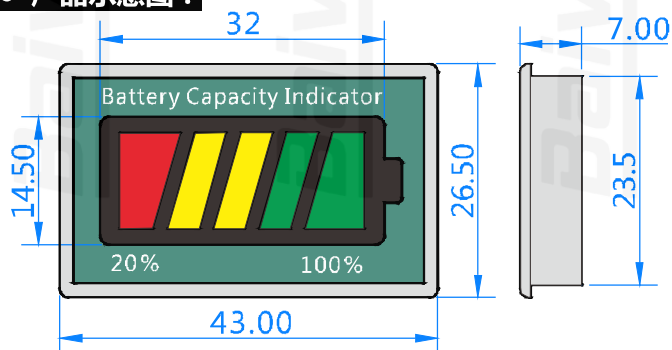


# TD05 电量指示器

## —使用说明—

### ● 产品示意图：



### ● 产品简介：

★ TD05 是一款电压型电量指示器。它能够实时检测电池组的剩余容量,并根据剩余容量显示不同颜色的 LED 灯。适用于移动便携设备、平衡车、电动车、吸尘器、测量设备、医疗设备、各种仪器仪表表等。

### ● 适用电池规格：

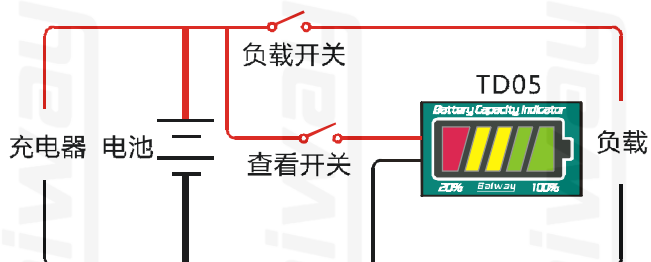
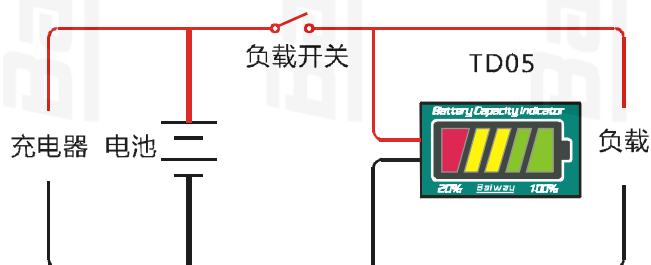
★ 该产品适合于电压为 12V, 24V, 36V, 48V 的铅酸电池以及 3 串, 4 串, 5 串, 7 串, 10 串的锂电池。

### ● 技术参数：

参数	最小值	常规值	最大值	单位
工作电压	10.0		48.0	V
工作功耗	15.0		20.0	mA
容量采集精度		±5.0		%
使用环境温度	0		40	°C
重量	6.5			g
尺寸	43×26.5×7			mm

### ● 接线方式：

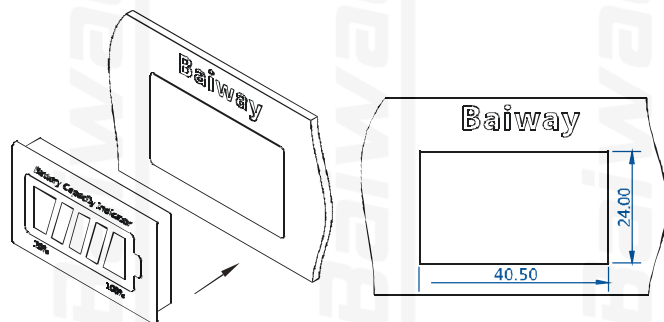
如图所示, TD05 上的红线经过负载开关或者查看开关连接电池正极,黑线连接电池负极。



### ● 安装方式：

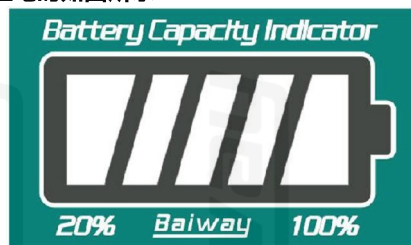
★按照尺寸在设备面板上开一个矩形孔,将 TD05 放于矩形

孔中用力按压使卡扣卡紧即可,如下图所示:



### ● 工作说明：

★ 未上电时如图所示：



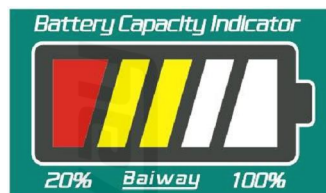
★ 上电后根据电池剩余容量显示不同颜色和数量的LED灯, 如图所示：



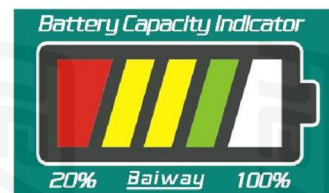
Capacity: <20%



Capacity: 20%~40%



Capacity: 40%~60%



Capacity: 60%~80%

### ● 注意事项及质保：

★ 此产品不防水；请勿长时间工作在低于-20℃和高于60℃的环境下。

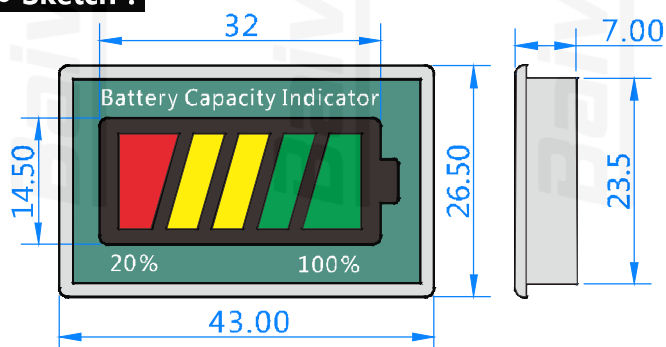
★ 本产品自购买日起一年内为质保期，在此段时间内产品若出现非人为质量问题，均可免费维修。

本产品可能会技术改进或更新，如果您购买的产品与《产品使用说明书》中所描述的产品外观、技术参数等有出入，请以实物或网站介绍为准。

# TD05 Battery Indicator

## —Instruction—

### ● Sketch :



### ● Overviews :

★ TD05 is a kind of voltage-type battery indicator, which can test the remaining capacity of battery and display different colors of light. It is suitable for mobile and portable equipments, electromobile, balance cars, cleaning machines, instruments, measuring equipments and so on.

### ● Application :

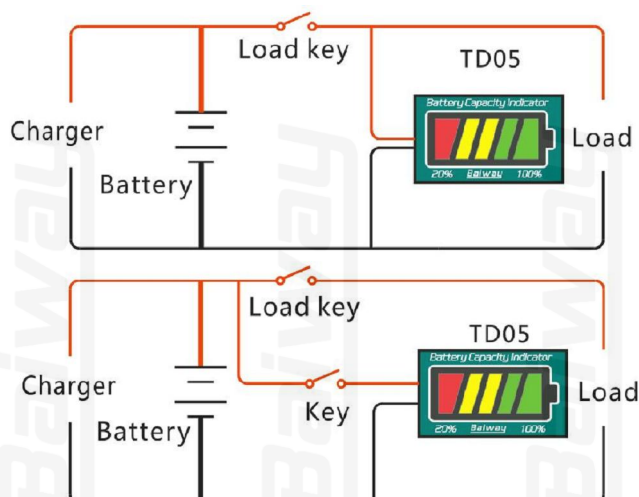
★ TD05 is suitable for Lead-acid battery of 12V, 24V, 36V and 48V, as well as 3 series, 4series, 5series, 7series and 10 series of lithium battery.

### ● Basic parameters :

Parameter	Min	Type	Max	Unit
Working voltage	10.0		48.0	V
Working dissipation	15.0		20.0	mA
Capacity accuracy		±5.0		%
Temperature range	0		40	°C
Weight		6.5		g
Size		43×26.5×7		mm

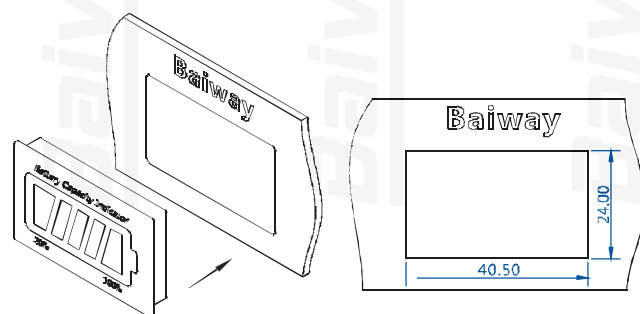
### ● Connection :

★ As shown below, the red line of TD05 connect to positive, the black line connect to negative.



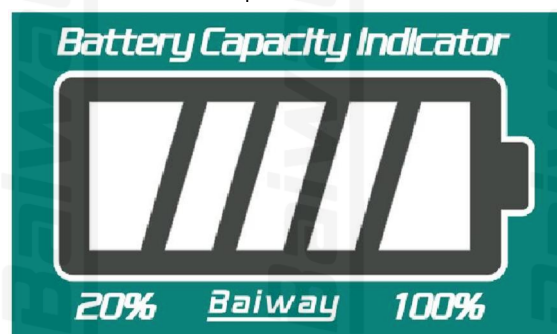
### ● Install :

★ First, open one rectangular orifice on the panel according to the size. Then put the TD05 into the rectangular orifice, and make sure the buckles are locked.

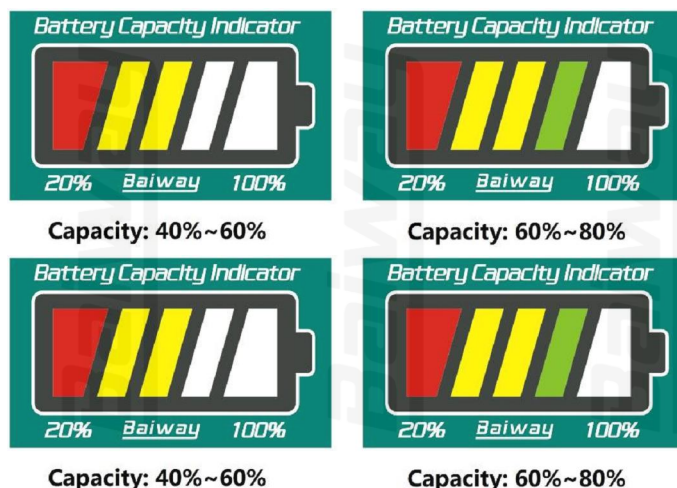


### ● Interface description :

★ When the TD05 is power off, as shown below.



★ When the TD05 is power on, it can display different colors of LED according to the remaining capacity. As shown below.



### ● Attention and warranty :

★ This product is non-waterproof ; Please don't use it for a long time when temperature is less than -20°C or higher than 60°C.

★ Within one year, any fault caused by non-artificial reason we should maintain it freely.

Our products will keep upgrading, if the product you bought is different with this instruction, please take the material object or website as the standard.