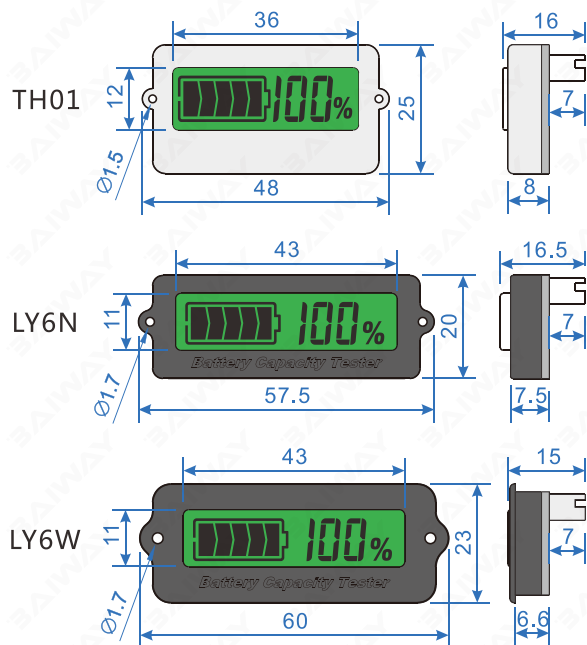


通用电压型电量显示器 使用说明

适用产品：TH01/LY6N/LY6W

●产品示意图：



●应用范围：

★ 用于检测电池组的剩余容量，并以直观的电池符号和百分比显示，及时了解电池使用状态。适用于各种仪器仪表、测量设备、移动便携设备、扫地机、平衡车、电瓶车等。

●适用电池规格：

铅酸电池：12V，24V，36V，48V 60V；

锂电池：3串~15串（非磷酸铁锂电池）；

磷酸铁锂电池：3串~19串；

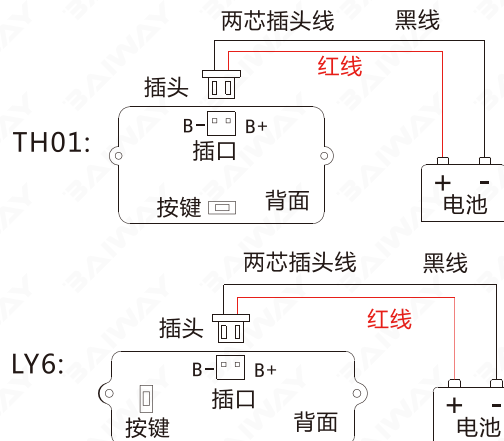
注：1~2串或16串以上特殊规格需定制（定制产品规格不可调整）。

●技术参数：

参数	最小值	常规值	最大值	单位
工作电压	8.0		66.0	V
工作功耗			5.0	mA
储存环境温度	0	20	40	°C
适用环境温度	-20	20	50	°C
重量	TH01:15/LY6:13			g
尺寸	59×27×17			mm

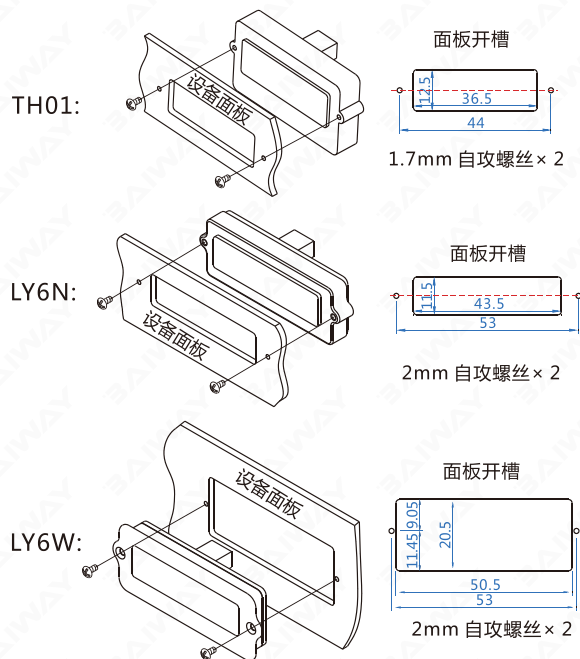
●接线方法：

★ 取产品所附两芯插头线，红线连接电池正极，黑线连接电池负极。再将白色插头插入显示器插口，注意插口方向，打开开关或通电即可正常使用。如下图所示：



●安装方式：

★ TH01/LY6N 内装式：在所需安装的设备面板上开一个矩形孔和两个固定螺丝孔，将显示器置于要安装的设备面板内侧，从设备面板的内侧往前安装，只露出显示器的显示区域，再从设备面板正面用自攻螺丝将其固定。如下图所示：



★ LY6W 外装式：在安装的设备面板上开一个矩形孔和两个螺丝孔。将显示器置于要安装的设备面板正面，从设备面板的正面安装，再从正面用自攻螺丝将显示器与设备面板固定。如上图所示：

●规格调整方法：

★ 在断电状态下，长按显示器背面按键不放然后给显示器上电，显示器显示当前电池规格，再点按背部按键可调节电池规格，选择到所需规格后断电再上电即可（规格对应代码如下表）。

锂电规格	对应代码	铅酸规格	对应代码	铁锂规格	对应代码	铁锂规格	对应代码
3串	3c	12VPb	1P	3串	3F	17串	17F
4串	4c	24VPb	2P	4串	4F	18串	18F
5串	5c	36VPb	3P	5串	5F	19串	19F
6串	6c	48VPb	4P	6串	6F		
7串	7c	60VPb	5P	7串	7F		
8串	8c			8串	8F		
9串	9c			9串	9F		
10串	10c			10串	10F		
11串	11c			11串	11F		
12串	12c			12串	12F		
13串	13c			13串	13F		
14串	14c			14串	14F		
15串	15c			15串	15F		
16串	16c			16串	16F		

●产品配件说明：

★ 标配2芯插头线一根，线长20cm，如长度不够可自行延长。

★ TH01 配4颗M1.7×5mm自攻螺丝（2颗沉头，2颗圆头）。

★ LY6N/LY6W 配4颗M2.0×6mm自攻螺丝（2颗沉头，2颗圆头）。

可根据不同面板安装方式自行选择。

●注意事项及质保：

★ 显示器不能在阳光下长期暴晒，也不能长时间暴露在低于-20°C和高于60°C的极端条件下，否则将缩短显示器液晶屏的使用寿命。

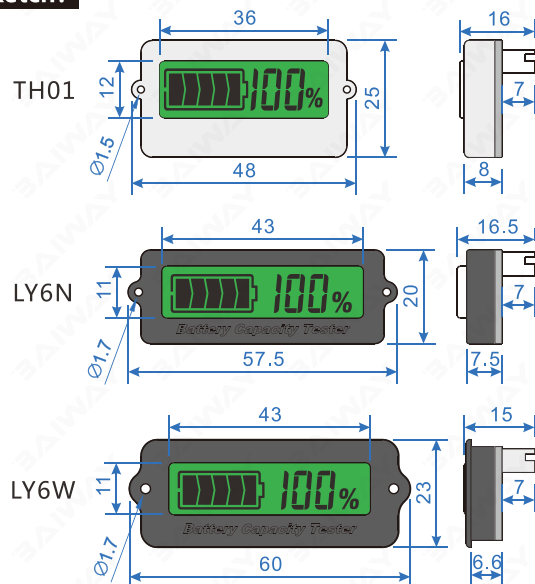
★ 本产品自购买日起保修一年，在此期间内产品若出现非人为质量问题，均可免费维修。

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。

Universal Capacity Indicator

—TH01/LY6N/LY6W—

● Sketch:



● Overviews:

★ TH01/LY6 is designed to test the capacity of battery, and display them with intuitive battery symbol and percentage. Users can know the state of battery in time. It is suitable for ups, instruments, measuring equipments, cleaning machines, balance cars, e-bike and so on.

● Application:

Lead-acid battery: 12V, 24V, 36V, 48V 60V;

Lithium-ion battery: 3cells ~ 16cells;

Lithium iron phosphate battery: 3 cells ~ 19 cells;

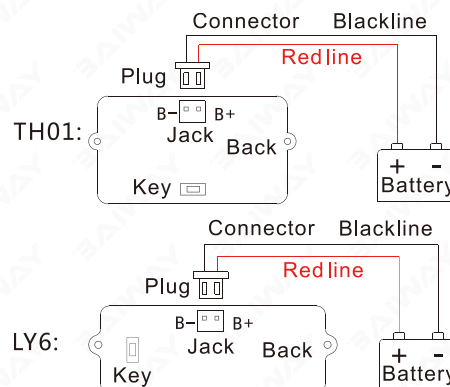
Note: Other specifications (1cell, 2cells and more than 16 cells) should be customized, and the specifications can't be adjusted.

● Basic parameters:

Parameter	Min	Type	Max	Unit
Working voltage	8.0		66.0	V
Working current		3.0	5.0	A
Working dissipation			5.0	mA
Temperature range	0	20	40	°C
Weight	TH01:15/LY6:13			g
Size	59×27×17			mm

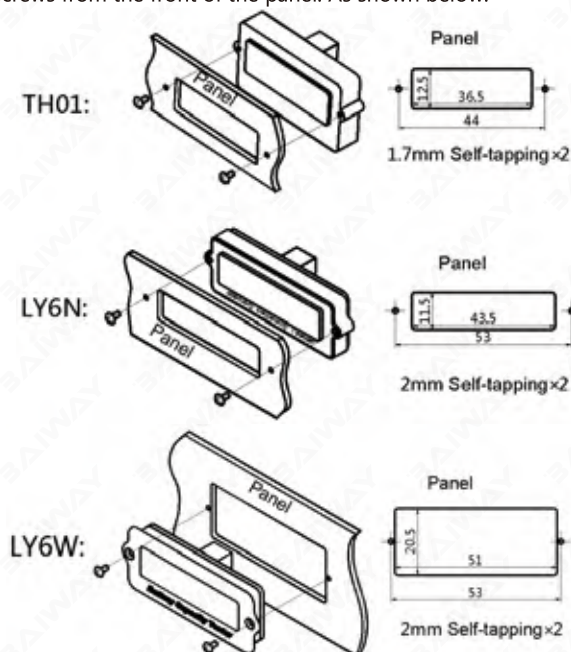
● Connect:

★ The indicator provides a connector consists of plug, black line and red line. Connect the black line to the negative, the red line to the positive, the plug to the socket of indicator. Then, power on or turn on the switch, it will be work. As shown below:



● Install:

★ **TH01/LY6N:** First, open one rectangular orifice and two screw holes on the panel of the equipment. Then install the indicator from the back of the panel, and put the prominent LCD in the rectangular orifice. Finally, fix the indicator with tapping screws from the front of the panel. As shown below:



★ **LY6W:** First, open one rectangular orifice and two screw holes on the panel of the equipment. Then install the indicator from the front of the panel, and put the shell of indicator into the rectangular orifice. Finally, fix the indicator with tapping screws from the front of the panel. As shown below:

● Specification adjustment:

★ Press and hold the down key on the back when turn off, then power on. LCD displays the present specification. Use the down key and up key to adjust specifications, select suitable specification you need, then turn off and power on. The indicator will be work normally (correspond code as below form).

Lithium-ion	Code	LiFePO4	Code	LiFePO4	Code
3 cells	3c	3 cells	3F	17 cells	17F
4 cells	4c	4 cells	4F	18 cells	18F
5 cells	5c	5 cells	5F	19 cells	19F
6 cells	6c	6 cells	6F		
7 cells	7c	7 cells	7F		
8 cells	8c	8 cells	8F		
9 cells	9c	9 cells	9F		
10 cells	10c	10 cells	10F		
11 cells	11c	11 cells	11F	Lead-acid	Code
12 cells	12c	12 cells	12F	12V	1P
13 cells	13c	13 cells	13F	24V	2P
14 cells	14c	14 cells	14F	36V	3P
15 cells	15c	15 cells	15F	48V	4P
16 cells	16c	16 cells	16F	60V	5P

● Accessory:

★ One connector with two lines, 20mm in length. If it is short, please lengthen it by yourself.

★ **TH01:** M1.7×5mm self-tapping screw×4 (round head×2, countersunk head×2).

★ **LY6N/LY6W:** M2.0×6mm self-tapping screw×4 (round head×2, countersunk head×2).

● Attention and warranty:

★ The tester cannot be exposed in the sun for a long time. When using or storing, please keep the temperature higher than -20°C and lower than 60°C, otherwise it will shorten the life of LCD.

★ 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.