

使用说明书

LED电池表 | 多电压类型兼容



温馨提示

NO.1

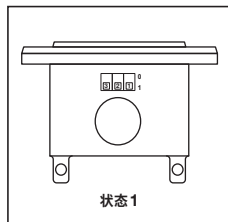
- 使用前请参考下方图表，确认设备的拨码开关设置电压与当前电瓶电压一致。（默认电压设置为12V）
- 确保 C 端接蓄电池正极或 C 端通过钥匙开关接蓄电池正极，如果 C 端未正确接线，设备无法正常工作。（LED指示灯将不会亮起）
- 如果拨码开关电压设置低于电瓶实际电压，设备也不会被损坏，重新设置为正确的电压值即可正常工作。

拨码开关定义表

NO.2

拨码说明：开关拨到上面，表示“0”状态，开关拨到底部，表示“1”状态。

编号	开关丝印	3	2	1	产品功能	使用说明
12V		1	1	1	支持电压：12V	实际逻辑电平：111
24V		0	1	1	支持电压：24V	实际逻辑电平：011
36V		1	0	1	支持电压：36V	实际逻辑电平：101
48V		0	0	1	支持电压：48V	实际逻辑电平：001
60V		1	1	0	支持电压：60V	实际逻辑电平：110
72V		1	0	0	支持电压：72V	实际逻辑电平：100

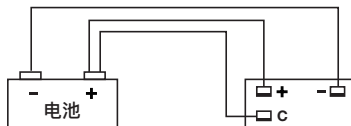


接线图

NO.3

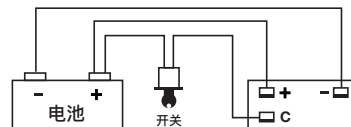
+/-/c 连接

开关不可用。LED灯会一直亮连接到电池。



+/-/c 连接

开关可用。LED灯可以关闭。



功能说明

NO.4

- 通电后，所有LED灯会闪烁三次，表示初始化成功。
- 通电后，如果LED灯未闪烁，则表示初始化失败，请重新通电。
- 设备连接电池后，仪表会自动识别当前电池电量。
- 当设备通电时，仅显示实时电压，电量显示灯每间隔10秒刷新一次

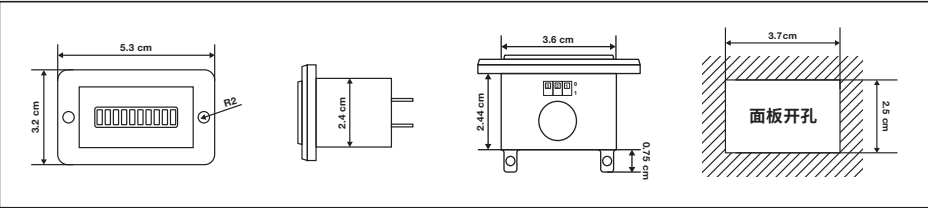
产品规格

NO.5

LED指示灯	红灯X1 黄灯X2 绿灯X7
解析度	每个 LED 段 10%
工作电压	12V, 24V, 36V, 48V, 60V, 72V
工作电流	20 毫安标称
存储和操作	-20°C 至 + 85°C 温度
误差	+/- 0.5%
极性	正负 / (C.R 可选)
防水等级	生活防水

产品尺寸

NO.6



工作电压

NO.7

电压	≤ 1	2	3	4	5	6	7	8	9	10
12V	10.38	10.59	10.8	11.01	11.22	11.43	11.64	11.85	12.3	≥ 12.3
24V	20.76	21.18	21.6	22.02	22.44	22.86	23.28	23.7	24.6	≥ 24.6
36V	31.14	31.77	32.4	33.03	33.66	34.29	34.92	35.55	36.9	≥ 36.9
48V	41.52	42.36	43.2	44.04	44.88	45.72	46.56	47.4	49.2	≥ 49.2
60V	51.9	52.95	54	55.05	56.1	57.15	58.2	59.25	61.5	≥ 61.5
72V	62.28	63.54	64.8	66.06	67.32	68.58	69.84	71.1	73.8	≥ 73.8
显示模式	仅红色 LED灯点亮	仅前两个 LED灯点亮	仅前三个 LED灯点亮	仅前四个 LED灯点亮	仅前五个 LED灯点亮	仅前六个 LED灯点亮	仅前七个 LED灯点亮	仅前八个 LED灯点亮	仅前九个 LED灯点亮	全部 LED灯点亮
LED 显示颜色	红色	红色 黄色	红色 黄色	红色 黄色 绿色	红色 黄色 绿色	红色 黄色 绿色	红色 黄色 绿色	红色 黄色 绿色	红色 黄色 绿色	红色 黄色 绿色
延迟	10秒后更新									



Version Number: A02
Made in China



INSTRUCTION MANUAL

LED Battery Meter | Multi voltage level battery compatible



Remarks

NO.1

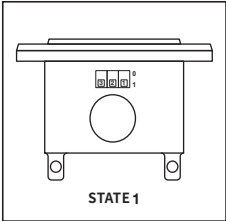
1. Please refer to the chart below before use to confirm that the voltage set by the DIP switch of the device is consistent with the current battery voltage. (The default voltage is set to 12V)
2. Make sure that the C terminal is connected to the battery positive terminal or the C terminal is connected to the battery positive terminal through the key switch. If the C terminal is not wired correctly, the device will not work properly. (LED indicator will not light up)
3. If the voltage of the DIP switch is set lower than the actual voltage of the battery, the device will not be damaged, and it can work normally if it is reset to the correct voltage value.

DIP switch definition table

NO.2

DIP CODE DESCRIPTION: the switch is dialed to the top, which means "0" state, and the switch is dialed to the bottom, which means the "1" state.

SERIAL NUMBER	SWITCH SILK SCREEN			PRODUCT FEATURES	INSTRUCTION MANUAL
	3	2	1		
12V	1	1	1	SUPPORT VOLTAGE: 12V	ACTUAL LOGIC LEVEL: 111
24V	0	1	1	SUPPORT VOLTAGE: 24V	ACTUAL LOGIC LEVEL: 011
36V	1	0	1	SUPPORT VOLTAGE: 36V	ACTUAL LOGIC LEVEL: 101
48V	0	0	1	SUPPORT VOLTAGE: 48V	ACTUAL LOGIC LEVEL: 001
60V	1	1	0	SUPPORT VOLTAGE: 60V	ACTUAL LOGIC LEVEL: 110
72V	1	0	0	SUPPORT VOLTAGE: 72V	ACTUAL LOGIC LEVEL: 100



Wiring Diagram

NO.3

+/-/c connection

No switch. LED lights will be always on when connected to the battery.

+/-/c connection

Switch available. LED lights can be turned off.

Functional description

NO.4

1. After power on, all LED lights will flash three times, indicating successful initialization.

2. After power on, if the LED light does not flash, it means the initialization failed, please power on again.
3. After the device is connected to the battery, the meter will automatically identify the current battery level.
4. When the device is powered on, the battery voltage is displayed, and the battery indicator is refreshed every 10 seconds.

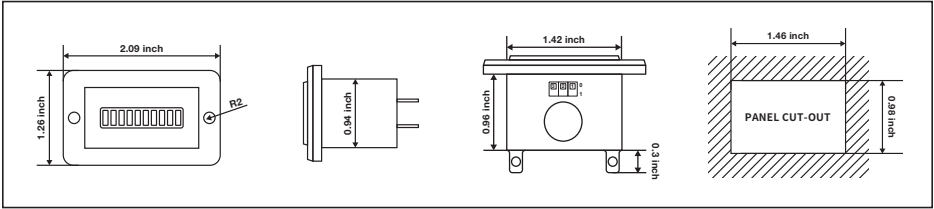
Specifications

NO.5

Capacity	1 Red 2 yellow 7 Green color LED for indicator
Resolution	10% per LED segment
Operating Voltage	12V, 24V, 36V, 48V, 60V, 72V
Operating current	20 mA nominal
Storage and Operating	-20°C to + 85°C Temperature
Tolerance	+/- 0.5%
Polarity	PosiveNegative / (C.R optional)
Waterproof level	Living waterproof

Product size

NO.6



Operating Voltage

NO.7

Voltage	≤ 1	2	3	4	5	6	7	8	9	10
12V	10.38	10.59	10.8	11.01	11.22	11.43	11.64	11.85	12.3	≥ 12.3
24V	20.76	21.18	21.6	22.02	22.44	22.86	23.28	23.7	24.6	≥ 24.6
36V	31.14	31.77	32.4	33.03	33.66	34.29	34.92	35.55	36.9	≥ 36.9
48V	41.52	42.36	43.2	44.04	44.88	45.72	46.56	47.4	49.2	≥ 49.2
60V	51.9	52.95	54	55.05	56.1	57.15	58.2	59.25	61.5	≥ 61.5
72V	62.28	63.54	64.8	66.06	67.32	68.58	69.84	71.1	73.8	≥ 73.8
Display Mode	Only 1# lit	Only 1#-2# lit	Only 1#-3# lit	Only 1#-4# lit	Only 1#-5# lit	Only 1#-6# lit	Only 1#-7# lit	Only 1#-8# lit	Only 1#-9# lit	All lights on
Display colors of LED	Red	Red Yellow	Red Yellow	Red Yellow Green	Red Yellow Green	Red Yellow Green	Red Yellow Green	Red Yellow Green	Red Yellow Green	Red Yellow Green
Delay	Update after 10 seconds									