

INSTRUCTION MANUAL

LED Battery Meter | Multi voltage level battery compatible



Remarks

NO.1

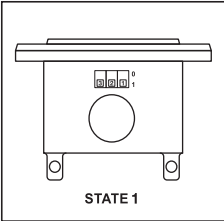
1. Please refer to the chart below before use to confirm that the voltage set by the DIP switch of the device is consistent with the current battery voltage. (The default voltage is set to 12V)
2. Make sure that the C terminal is connected to the battery positive terminal or the C terminal is connected 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

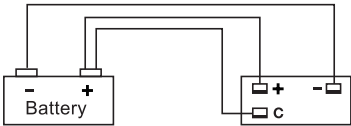


Wiring Diagram

NO.3

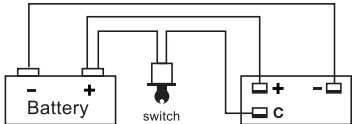
+/-/c connection

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.

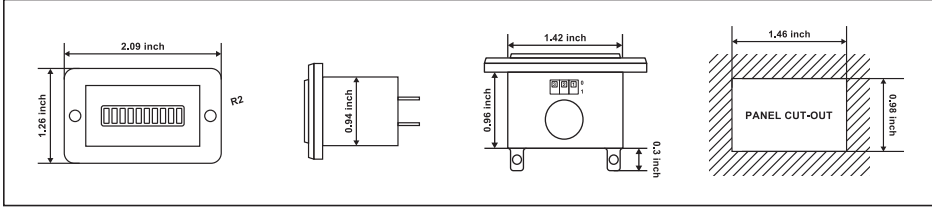
Specifications

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									