Battery Indicator
Multi-Color

multicomp PRO

RoHS Compliant

Features

1. Display
- Battery level display mode: 10 LED segment, 1red, 2yellow and 7green.

2. Battery level testing function
- When the key switch is connected, it will display the remaining the battery capacity automatically.
- Delay function (can customize): Decline one LED by one LED per 155s when discharging.
- Rise one LED by LED per 200s when charging.
- Can customize different battery types.
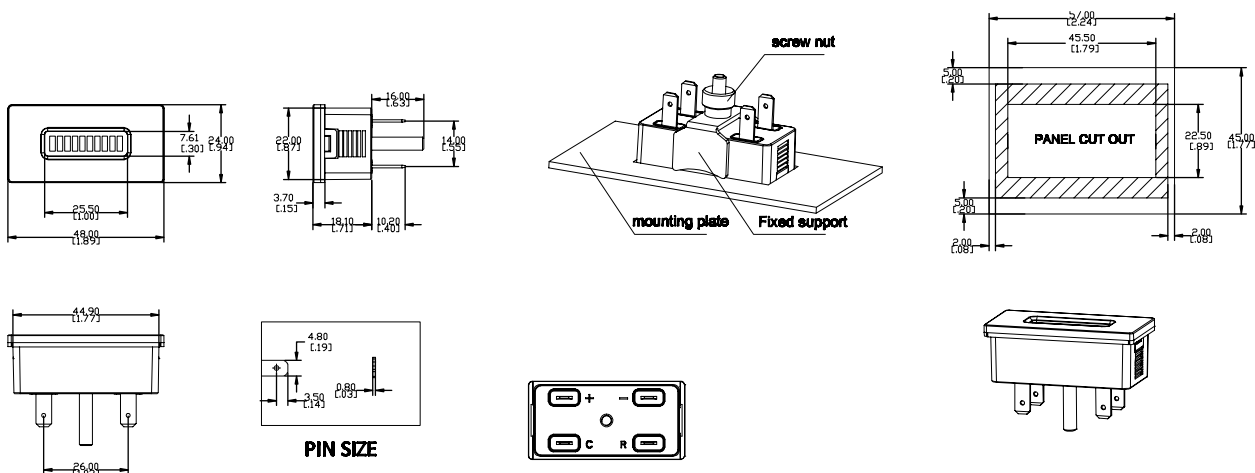
3. Output function (can customize)
- Battery capacity :≥10%, relay will be NC; Battery capacity <10%, relay will be NO.

Specification

Operating voltage	: DC 12V / 24V / 36V / 48V
Working voltage	: DC 9-60V
Working temperature	: -20°C to +65°C
Display screen	: 10 Segment LED Bar Graph
Operation current	: ≤100mA nominal
Pin material	: Copper
Pin type	: Positive, Negative, C, Output
Voltage accuracy	: ±0.5%
Charging delay time	: 200s
Delay time of every bar	: 155s
Screen size	: 25.5mm × 7.6mm
Product dimension	: 48mm × 24mm × 34.1mm
Applicable type of battery	: Lead-acid Battery (Depending on model)
Housing material	: ABS

Diagram

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+	12-24V: Positive pole of battery input. connect to battery positive within DC 9-28V.
	36V: Positive pole of battery input, connect to battery positive within DC 25-45V.
	48V: Positive pole of battery input, connect to battery positive within DC 35-60V.
-	Negative pole of battery input, connect to the battery negative.
C	Key switch. Connect to battery positive.
R	Battery capacity <10%, relay out OV; Battery capacity ≥10%, relay out 5V (can customize)

Battery type (can Customize)		Battery level									
		1	2	3	4	5	6	7	8	9	10
Lead-acid	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

Part Number Table

Description	Part Number
Battery Indicator, 12-24V, Lead-Acid	MP011710
Battery Indicator, 36V, Lead-Acid	MP011711
Battery Indicator, 48V, Lead-Acid	MP011712

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