

RoHS
Compliant



Features

1. Display

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

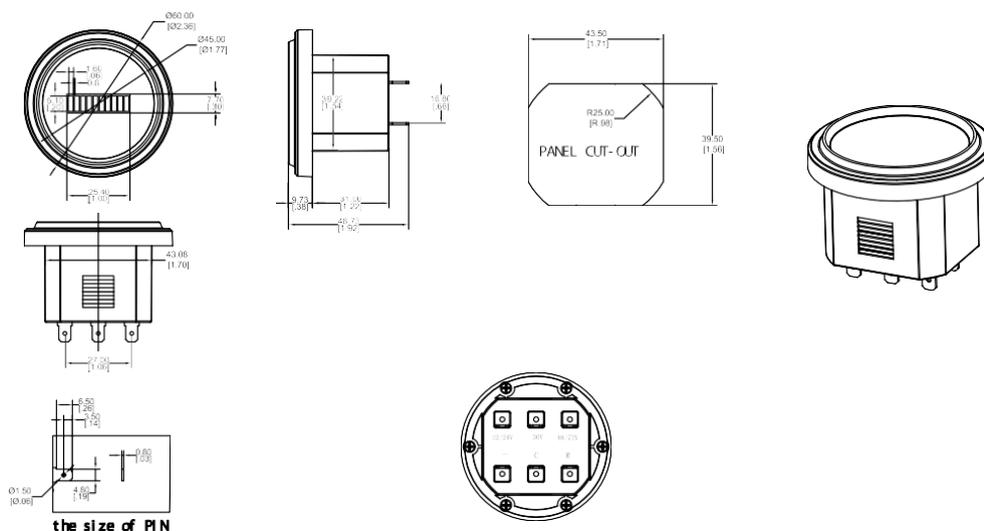
2. Battery-level testing function

- Automatically identify the current remaining power when connecting with power.
- Battery level delay function: Battery level go down one bar by one bar every 155s and go up one bar by one bar every 200s.
- Five groups of battery voltage ranges can be selected: 12V/24V/36V/48V/72V.

Specification

| | |
|----------------------------|--|
| Product Name | : Battery Indicator with Hour Meter |
| Display screen | : 10 Segment LED Bar Graph |
| Working voltage | : 9V DC to 85V DC |
| Working current | : 12/24V:≤9mA 36V:≤12mA 48/72V:≤20mA |
| System voltage | : DC 12-24V, 36V, 48V, 72V |
| Accuracy | : ±0.5% |
| Pin material | : Copper |
| Pin type | : +, -, C |
| Applicable type of battery | : Lead acid storage battery |
| Screen size | : 25.4mm × 7.7mm |
| Product dimension | : Φ60mm × 49mm |
| Housing material | : ABS |
| Waterproof rate | : IP65 |
| Working temperature | : -20°C to 65°C |

Diagram



Battery Indicator Multi-Color



| | |
|--------|--|
| 12-24V | Power input positive terminal and connect positive pole of power supply, range DC 9-28V. |
| 36V | Power input positive terminal and connect positive pole of power supply, range DC15-45V |
| 48/72V | Power input positive terminal and connect positive pole of power supply, range DC20-85V |
| - | Power input negative terminal and connect negative pole of power supply |
| C | Key switch, connect the positive pole of the battery |

| 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 |
| | 72V | 62.28 | 63.54 | 64.8 | 66.06 | 67.32 | 68.58 | 69.84 | 71.1 | 73.8 | >73.8 |

Part Number Table

| Description | Part Number |
|--|-------------|
| Battery Indicator Multi-Color, 12-24V/36V/48V/72V, Lead-Acid | MP011719 |

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