

Specifications

LED Battery Indicator & LCD Hour Meter

Functional description

1. Scan from "F" to "E" when connected with power.
2. The meter will automatically distinguish the current battery power when the meter connected to the battery.
3. When the battery voltage is lower than the current bar and keeps for 155S, 1 bar drops on the meter. The working way is that the voltage levels declining one LED bar by one LED bar. The delay time among each bar is 155 seconds.
4. When the battery voltage is higher than the charging voltage of current bar, the charging is going on. The charging status refers to the first bar to the current bar. The working way of charging is that the voltage level is ascending one LED bar by one LED bar. The delay time among each bar is 200 seconds.
5. When disconnect with battery and reconnected to battery, the meter will retest the current battery power and display the related voltage bar.

Remarks

1. Please make sure to connect the proper voltage of the battery to the related pin of the indicator. The failure to connect the battery voltage to the related pin may cause the product to be damaged.
2. Make sure to apply the proper voltage in aicator. Failure to apply the proper voltage will cause the indicator not to work normally.
3. Make sure terminal C is connected to positive pole of battery or terminal C is connected to positive pole of battery through key switch. If not, the indicator will scan from full to empty then shut off.
4. Make sure the voltage match with the indicator. If not, red light, yellow light and green light will be on. If the actual voltage is extremely more higher than the rated voltage, the indicator may be ruined.

Instruction

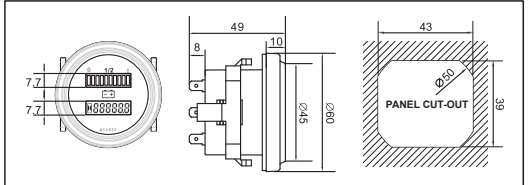
- Turn on the power, the hour meter displays 88888.8. At the same time, battery indicator displays 10 bar (green) to 1 bar (red) one by one. After above, hour meter displays 0.0 on LCD screen
- When the key switch turns on, hour iron flashes and begins to count hours, at the same time battery indicator begins to work.
- When the key switch turns off, hour meter stops counting and battery indicator goes down. Hour meter will remember former data.

Hour Meter features a 6-digit, 7 segment LCD display. The accumulated hours are stored on powerless, nonvolatile data backup using CMOS EEPROM technology, where small space and reliable instruments are required with memory that does not rely on a battery. The unit is ideal for maintenance applications. Hour meter displays hour glass and decimal point.

Features

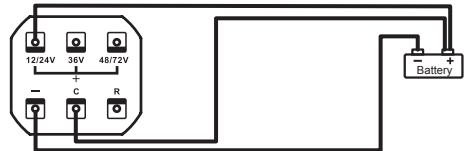
- High reliability
- Low cost and small size
- LED Flash for low charge & high charge warning
- Memory option to recall last charge level
- Key switch Display enable option
- Fits standard panel cut-out
- 10 segment LED Bar Graph display
- Wide operating temperature range
- Silent operation, no moving parts.
- Data retained up to 25+years
- Flashing hourglass icon shows it's working

Capacity	1 Red 2 Yellow 7 Green color LED for indicator
Resolution	10% per LED segment
Operating Voltage	12/24V, 36V, 48/72V (With/Without Key Terminal)
Operating Current	20 mA nomina
Storage and Operating	-40 C to 85 C Temperature
Humidity	95% RH+32C for 2Hours
Polarity	Positive/Negative/C
Display Reading	999999 with running indicator (Automatically recycle to zero)
Resolution	0.1 hours
Memory capacity	CMOS EEPROM
Waterproof	IP65



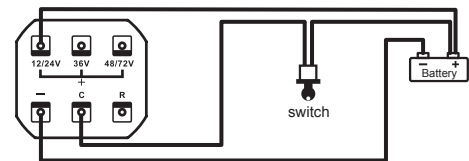
Warning: Before you connect the indicator to battery, please confirm the voltage of your battery first, and connect the positive electrode to the correct pin of the indicator on the back, wrong voltage connection maybe cause the battery indicator damage.

+/-C connection
For example, the connection for 12V/24V battery.



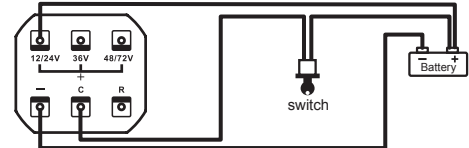
No switch. LED lights will be always on when connected to the battery.

+/-C connection



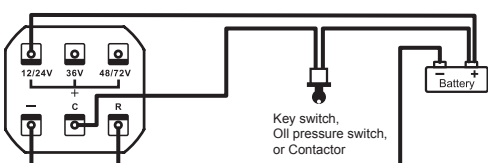
Switch available. LED lights can be turned off.

+/-C connection



R Terminal for signal output
When battery capacity is more than 10%, the output voltage is 0V.
When battery capacity is less than 10%, the output voltage is 5V.

Reset Hour meter



Reset: when R Connect-