



GAMMATRONIX

12v LED battery status monitor level meter indicator A

Specification



- Microprocessor controlled
- Just 49mm W x 24mm H x 16mm D (About the size of your thumb!). **SMALLEST 6 LED UNIT ON EBAY!**
- Splash-proof construction
- Voltage: 12v (Max 16v). Accuracy to +/- 0.1v. Unit operates down to less than 4v.
- Power Consumption: 2mA in single LED mode, less than 8mA in multi led mode (depending on amount of LEDs lit.)
- Internally PTC fused (self-resetting) - don't risk your system wiring with an unfused unit!
- Reverse voltage protected. Try connecting it up backwards, you can't break it!
- Indicates overcharge (alternator regulator failure.)
- Surge clamped supply input - prevents 'spikes' from noisy electrical systems damaging the unit.
- Internal 'watchdog' makes sure the unit can never crash and is always reliable.
- RC integrated voltage measurement input.
- Multiple oversampling - unit takes 10+ readings to obtain greatest accuracy.
- Built in hysteresis to prevent 'bouncing LED' when unit is at changeover point.
- Display LEDs updated over 300 times a second - every second - fast response!
- Clear and obvious display without coded multi-led flashing, which needs data sheet to understand! Your granny would know what this unit is telling you!
- Mode input allows multi LED 'trend bar-graph' operation, or single LED illuminated operation.
- Supplied with comprehensive printed instruction sheet.

Programming Ranges

Version	3 rd green	2 nd green	1 st green	Yellow	Orange	Red	Red slow	Red fast
12v DC	12.5v	12.1v	11.8v	11.5v	11.2v	11v	10.7	10.5

Overcharge is indicated at 15.2v, with the unit flashing the two end LEDs (red and green). This warns you that your alternator or charging system may be frying your battery!

In single LED mode, the LED will 'travel' to the current battery status level. In multi-LED mode, all LEDs will light to the current battery status level.

The red LED has multi-functional capability. Once the red LED illuminates, the battery is considered discharged. If further current is drawn, it may deep-discharge and reduce future battery life. User warning against further discharge is indicated by slow flashing, and critical level indicated by rapid flashing of the red LED.