GAMMATRONIX

12v LED Battery level / Charge monitor – E

Specification

- Protects and warns against Undercharging, Overcharging, and 'flat' batteries.
- Integrated tri colour (Red, Green, Yellow) 10mm LED and microprocessor assembly.
- Just 29mm behind control panel.
- Single 14mm hole required for mounting.
- 10mm tri-colour LED indication of your battery level or charging state.
- Voltage: 6v or 12v DC   dependent on model.
- Unit will operate down to 3.7v.
- Power Consumption: 10mA nominal.
- 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!
- 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 'strobing LED' when unit is at changeover point.
- Display LED updates 10 times each and every second.
- Can be set at installation to operate over one of TWO ranges.

Programming Ranges

Battery Charging Indicator Mode (No Link Fitted)

Version	Red / Green Flash	Green	Yellow	Yell Flash	Red	Red Flash
6v DC	> 7.6v	6.6v	5.9v	5.75v	5.6v	<5.6v
12v DC	> 15.2v	13.2v	11.8v	11.5v	11.2v	<11.2v

Battery Level Indicator Mode (Link Fitted)

Version	Green	Yellow	Yell Flash	Yell Fast Flash	Red	Red Flash	Red Fast Flash
6v DC	6.1v	5.9v	5.75v	5.6v	5.5v	5.35v	<5.35v
12v DC	12.1v	11.8v	11.5v	11.2v	11.0v	10.7v	<10.7v