



Model #: 092-2001



## Automatic Load Shedder

### AUTOMATICALLY DETECTS LOW BATTERY VOLTAGE AND SHEDS LOAD

- Adjustable dropout/pull-in voltage differential
- Works alone or with other CANPower units
- Very low power consumption
- Available in 12V or 24V
- Easy to install

**A member of the CANPower family, this unit can be connected to other CANPower units by CANbus to run in tandem with them, or can be installed as a stand alone component.**

**Easy to install and fully installer programmable with very simple software through the optional interface unit. Standard unit comes with default settings which will suit most applications.**

If vehicle battery voltage falls to an unacceptable level, the connected load switches off. A fixed voltage sampling time delay prevents load cycling. The inbuilt adjustable hysteresis band sets the pull-in voltage higher than the dropout voltage, and this also prevents cycling. The pull-in voltage is normally set to 13.5 volts, so the engine must be restarted to automatically switch load back on.

The unit runs at around 2 milliamps when in passive mode so is exceptionally economical on power consumption.

The unit can also run external relays.

This unit can be adjusted on the bench or in-situ.

Typical Applications:

Police car radio - can flatten the battery in hours, disabling the car. This unit switches the radio off when battery voltage falls to a pre-set level, thus preventing it flattening the battery. Radio is re-powered when engine is started.

Fire appliance locker/interior lights - easily left on either by switch defect or door left open, and battery is drained. This unit prevents that happening.

Part Number	Description	Output	Voltage
092-2001-12	Load Shedder 1 12v	30A	12V
092-2001-24	Load Shedder 1 24v	30A	24V

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