



Model #: 092-2003



## Automatic Load Shedder with Timeout

### AUTOMATICALLY DETECTS LOW BATTERY VOLTAGE AND SHEDS LOAD

- Adjustable dropout/pull-in voltage differential
- Adjustable timeout
- 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.**

With ignition on & engine running, unit functions as a load shedding device, with an adjustable sampling time delay to prevent load cycling. If battery voltage falls to an unacceptable level, the connected load switches off.

When engine is turned off, unit goes into timeout mode. The timeout period can be set from between zero seconds to several hours in ½ second increments, and the load switches off at the end of that period.

If battery voltage drops unacceptably during the timeout period, load is shut down automatically to save the battery.

Upon start-up, alternator voltage rises & load switches back on automatically.

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
092-2003-12	Load Shedder 1TO 12v	30A	12V
092-2003-24	Load Shedder 1TO 24v	30A	24V

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