

Battery Voltage Equaliser

The battery voltage equaliser is a device for heavy duty trucks and buses.

The unit provides extended battery and starter life, which extends battery and starter life – allowing the use of conventional 12volt accessories in 24volt powered circuits.

The battery balancer solves one of the major problems experienced in dual battery 24volt series circuits.

It balances the charge rate of two 12volt batteries in series by monitoring the voltage at the terminal of the two batteries, dividing the charge/discharge current equally between the two to ensure equal charge/discharge of both batteries.

Often serious imbalances can take place due to the differing internal losses, temperature variations and 12volt tapping-off of one of the batteries.

As a result, one of the batteries is overcharged and the other not charged sufficiently. Both conditions result in poor starting performance and shortened battery life.

The unit is particularly effective for solving problems associated with flat batteries due to the use of two-way radios.

The unit is also suppressed and therefore produces no radio interference.

Features:

- Extends battery life by preventing over and under charge.
- Extends starter life. Burnt out starters caused by discharged battery.
- Permits use of 12volt accessories without battery damage (radios and fridges)
- Constantly monitors battery with engine on or off.
- Corrosion/water resistant
- Radio suppressed
- Reverse polarity protected
- Incorrect connection protected
- Bidirectional function
- Waterproof (fully encapsulated)
- Solid state, no wearing parts

