

Sensiotech

24V Battery Balancer & Equaliser

Reduces Running Costs

- Years of extra battery life
- Can save >£100 per year in battery replacements
- Typical payback in 3 years, or as little as 18 months for larger HGV banks

Increases reliability

- Maximum battery life means better engine start in cold conditions
- 12V devices protected from voltage spikes & surges



Reduces Breakdowns

- Miss-matched batteries no longer lead to starting trouble
- Fewer stranded motor homes
- Fewer missed deliveries due to failed-starts for HGV's

24V / 12V converters obsolete!

- DC/DC converters no longer required
- Hundreds of Amps surge current available – not limited to 20A like old-tech converters



Sensiotech

Alternative Energy Products

Semi-trailer engine starter batteries only lasting a couple of years?

Having trouble with 24V/12V converters running CB radios and the cab fridge reliably?

Vertex technology is the solution you have been looking for!

In a semi trailer, install a Sensiotech 24V Balancer near the two starter batteries, and connect just three wires directly to the battery terminals. In a 12V motor home, simply install a second auxiliary battery to make a 24V auxiliary system. Now you can stop worrying about short lived batteries and fried 12V devices! Vertex continually keeps both batteries balanced, whether the engine is running or not. This means both 12V batteries that form the 24V system rise together and fall together and never get out of balance again.

Perfectly balanced batteries means much longer battery life. It also means you can safely connect all your 12V devices to one battery. Imagine no longer bothering with 24V to 12V converters to run your dash mounted GPS units, food fridge, cabin TV, 12V lights, phone chargers and drinking water pumps. **Simplicity** brings **Reliability**

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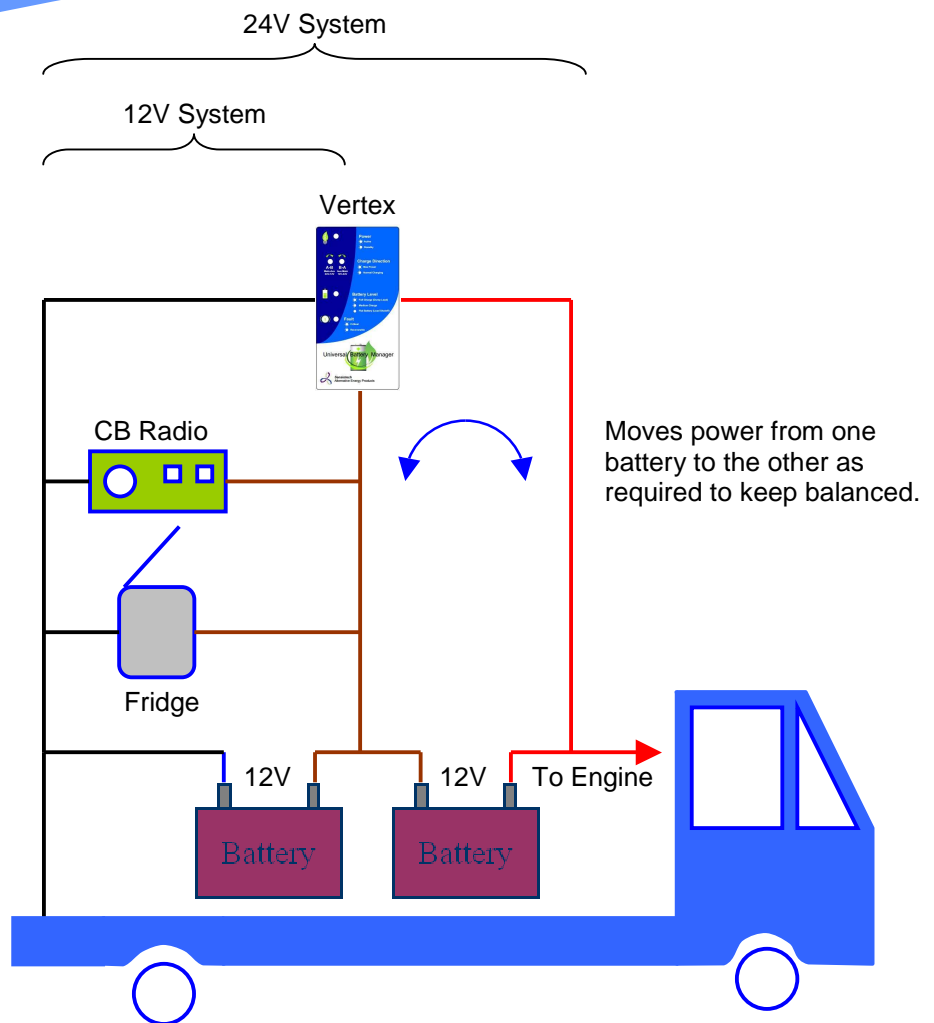


technology

www.vertextech.co.uk

Vertex...

- Replaces the old-style DC/DC converters
- Provides reliable 12V power for anything that needs it
- Can charge both batteries from a 12V battery charger
- Allows you to power 24V devices in a 12V lorry!
- Is NOT affected by high current surges from loads
- Continually balances both batteries to prevent over and under charging
- Maximises battery life meaning lower maintenance costs and fewer failed starts
- Steps 24V down to 12V and 12V up to 24V. We don't know of any competitors that can do that!



And **Vertex** is seriously **tough** and **waterproof** so you can install outside next to the batteries. And just connect one wire to GND, one to the half-way point of the two batteries, and the third to +24V – that's it!



Typical HGV starter battery costs over £150 each

Without Vertex technology...

- Typical battery life is a couple of years
- Have to replace both batteries as a pair
- That is £300 every few years!

With Vertex technology...

- Up to 6 years battery life in HGVs
- Only replace one battery at a time
- That means up to £300 saving every few years!
- Sensitech 24V Balancer pays for itself within one set of batteries