



# Battery Balancer

Lead acid battery balancer + defective battery indicator

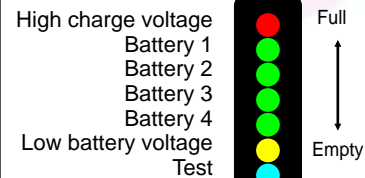
**STERLING**  
**POWER**



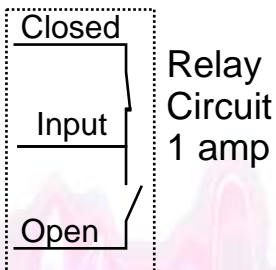
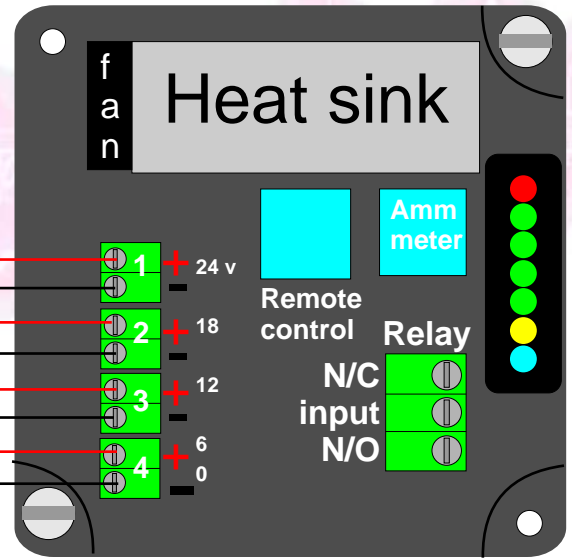
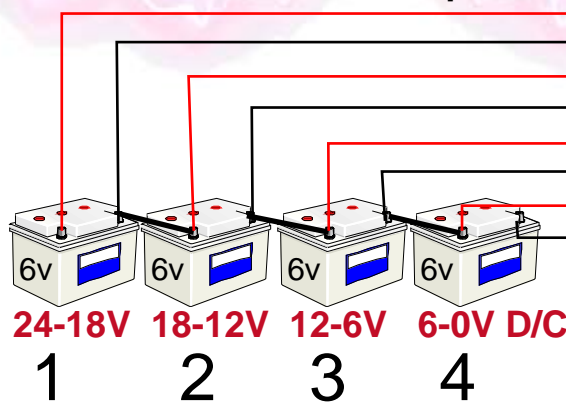
There are two different aspects to this unit:

- 1) a high powered lead acid battery balancer.
- 2) a defective battery indicator.

### Combines information & approximate voltmeter



**IP68**  
Waterproof



Optional remote control

### The balancer:

The balancer ensures that the cells which are not in balancer are forced into balance to prevent over charging or under charging of the cells. This feat is achieved by software directing the charge to the lagging battery to bring them up to the target voltage.

**The end result:** a much more evenly charged battery bank ensuring maximum charge capacity on each cell block, this increases longevity of the battery bank. It also allows the user to add older batteries to newer banks without disrupting the natural balancing of the bank.

### The defective battery indicator:

The unit is designed to detect a defective battery. This allows the user to identify the battery at fault. It can therefore be replaced before it does lasting damage to the entire bank.

An alarm can be easily raised to identify the offending battery and then can be locked out of operation until the issue has been resolved.

**The end result:** it saves the user time and money by highlighting the culprit battery and bringing it to the attention of the user before lasting damage has been done to the whole bank.

# ProDistribution

## High Power Distribution and fuse box

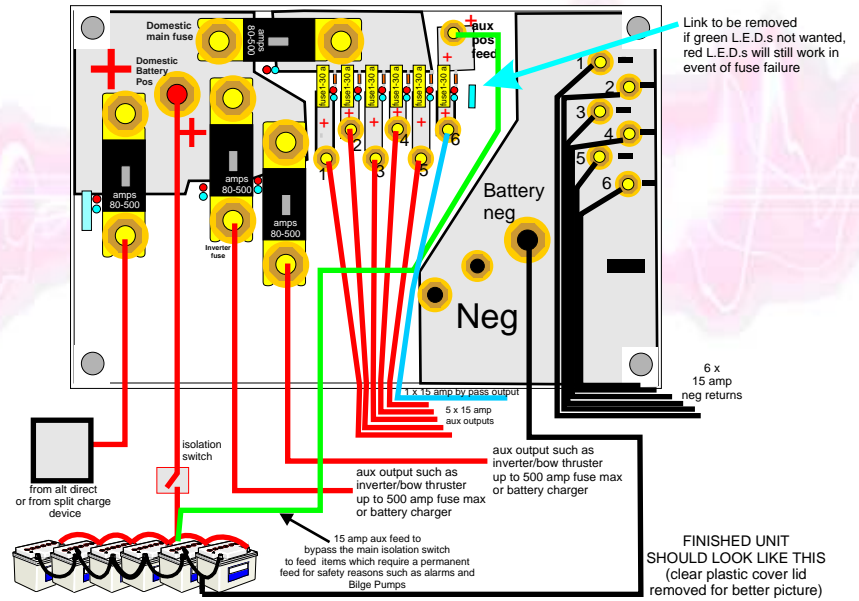


The **ProDistribution** box ensures the D/C electrical distribution system on boats and specialized vehicles is both very safe and compact.

The clear plastic cover makes it easy to see the green LEDs which indicate live circuits and red LEDs which indicated failed circuits.

**Retail market:** This box can bring your old system up to a much more modern and safer specification. Fit close to the domestic battery bank and all your fuses are now inside the recommended distance for modern safety standards. It also puts all your fuses in the same area and allows easy testing of faulty circuits.

**OEM market:** When installing from scratch, this will reduce the wiring time of any system, replacing the need for many individual parts needing to be fitted and connected whilst also standardizing the wiring arrangement saving a lot of time and money.



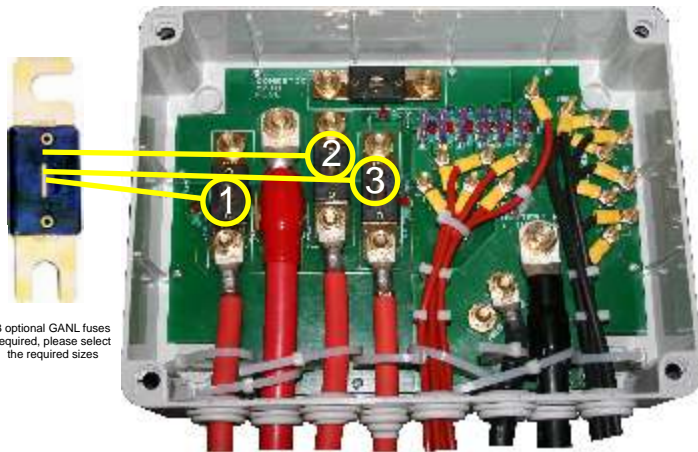
### Key features include:

- 1) 3 x ANL fused outputs from 80-500A ability (fuses purchased extra, see our gold ANL range for the fuse required).
- 2) 5 x 15 amp continuous outputs with 30A fuses (supplied) with one 300 x fuse supplying that section
- 3) 1 x 15A 'maintained' output with 30A fuse, extra aux D/C feed position to bypass main feed in event of ancillary equipment requiring a permanent feed even if the main battery bank is isolated, such as alarms or bilge pumps.
- 4) Emergency alternator link in the event of the alternator fuse blowing (this prevents the alternator being damaged).
- 5) Green LEDs to show the circuit is live (LEDs on all the time when battery not isolated, can be switched 'off', if preferred, by removing a link).
- 6) Red LEDs to show when fuse has blown (only on when fuse has blown).
- 7) Cable guides for the low power cables, plus cable ties to be tightened when wiring complete to keep wires tidy and secure.
- 8) Small footprint, very compact design.
- 9) Most negatives returned to box to enable easy circuit checks.

Main domestic battery bank

### D/C High Powered Fused Distribution

Size	Weight	Code	Price inc vat
300 x 220 x 120 mm	1.5kg	PPD500	



Fuse	Code	250 amp	GANL250
80 amp	GANL80	300 amp	GANL300
100 amp	GANL100	350 amp	GANL350
150 amp	GANL150	400 amp	GANL400
200 amp	GANL200	500 amp	GANL500

**STERLING POWER**

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