



The Oz Charge Battery equaliser is designed for use with **12V** lead-acid type batteries (AGM, WET, GEL & Calcium) which are connected in **series** to keep battery voltage equalised and in balance to ensure all batteries are charged correctly.

When two or more batteries are connected in-series the battery voltages maybe become different. One battery voltage maybe high and one low. The Oz Charge battery equaliser will equalise and balance the battery voltage when it detects a 20mV difference between the two batteries. It does this by transferring / shunting current from one battery (the higher voltage one) to the other battery (the lower voltage one).

This will essentially improve your batteries performance and will **Extend the Life of Your Batteries**.

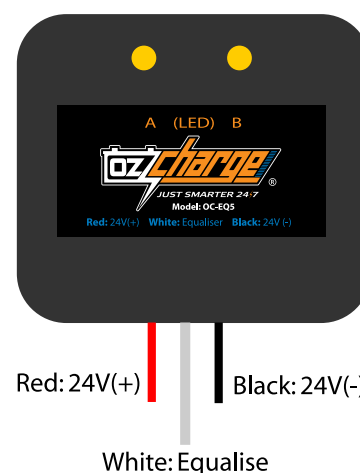
The Oz Charge Battery equalisers can be used for 24V, 36V, 48V systems

#### Example:

1 unit required for 24V system

2 units required for 36V system

3 units required for 48V system

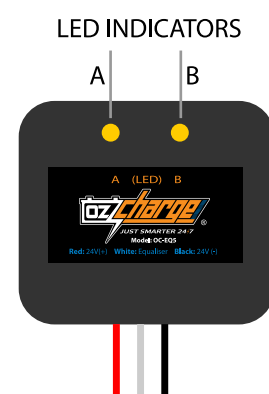


### Model: OC-EQ5 - SPECIFICATIONS

Battery Voltage Nominal	12V
Equalising Current	0 - 5A
Quiescent Current	<3mA
Dimensions	70 x 70 x 27mm
Protection	Reverse Polarity Protection
Low Voltage Disconnect	10V

### LED Indicators

	LED A	LED B
(A) = (B)	Off	Off
(A) > (B)	Flash	Off
(A) < (B)	Off	Flash
(A) < 10V	On	Off
(B) < 10V	Off	On
(A)&(B) < 10V	On	On

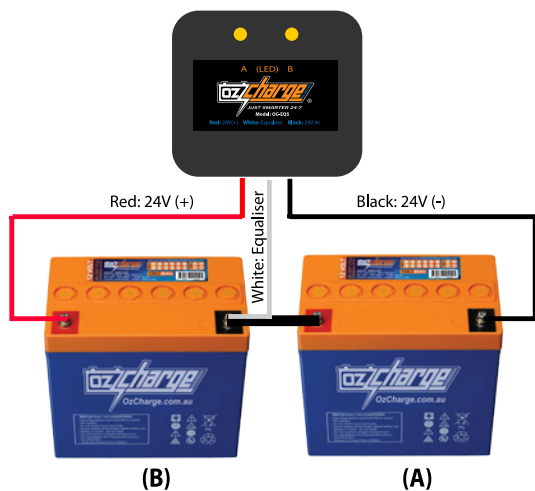


## WIRING Details

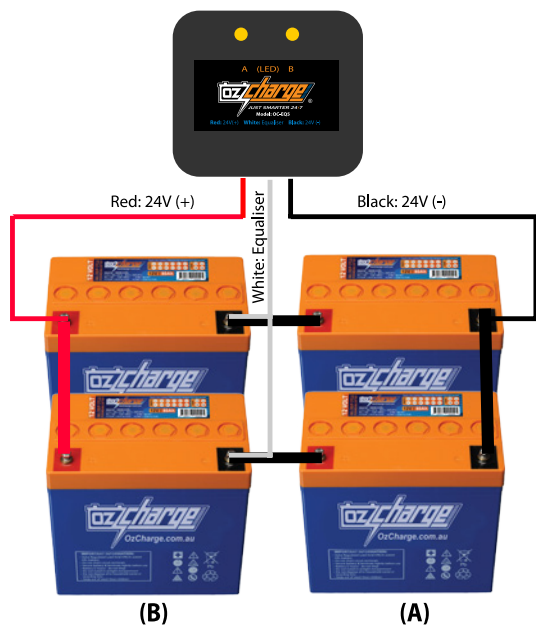
Connect the battery equaliser to the batteries as follows:

1. Red Wire: Positive (24V +)
2. Black Wire: Negative (24V -)
3. White Wire: Negative (-) or Positive (+) terminal of the series connection.

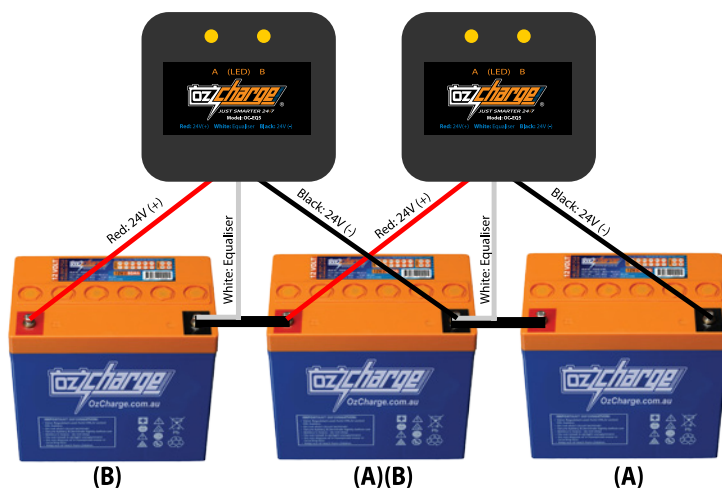
Example 24V Bank (2 Batteries)



Example 24V Bank (4 Batteries)



Example 36V Bank (3 Batteries)



Example 48V Bank (4 Batteries)

