

# BATTERY EQUALISER 5 WAY 12/24V

## BA20005

- Balances voltage in 12V lead acid batteries connected in series, preventing uneven charging and performance issues.
- Extends battery life by reducing wear caused by overcharging and undercharging, ensuring long-term reliability.
- Activates automatically when a voltage difference of more than 10mV is detected, providing continuous battery optimization.
- Improves battery performance by maintaining stable voltage levels, leading to more efficient power delivery.
- Shunts current from the higher voltage battery to the lower voltage battery, ensuring a consistent charge balance.
- Compatible with multiple systems, including 24V, 36V, and 48V battery configurations, for versatile applications.





# BA20005

## BATTERY ACCESSORIES SPECIFICATIONS

### Specifications

Battery Nominal Voltage	5* (2.4V/3.6V/6V/9V/12V)
Optimising Current	0 - 10A
Quiescent Current	5mA (12V) 1.2mA (24V)
Dimensions (mm)	160 x 60 x 35
Protection	Reverse Polarity Protection
Low Voltage Disconnect	1.8V

### Product Features

- Fast balance speed and low consumption
- IP67; waterproof and moisture-proof
- No need for external power supply or extra maintenance
- Reverse polarity protection, safe and reliable.

### Battery Equaliser 5 Way 12/24V

The BA BATEQ5 Battery Equaliser may be used on 12V lead acid batteries which are connected in series to maintain equal battery voltage balance. When batteries are connected in series, the voltages may vary due to impedance differences, the cell chemical composition and temperature. One battery may go high and another low so that one becomes under charged and the other over-charged. The battery equaliser will equalise/balance the battery voltage when it detects there is more than 10mV voltage difference between the batteries. It will shunt current from one battery (the higher voltage battery) to the other battery (the lower voltage battery). Until the battery voltages are both 10mV of each other. This will improve the battery's performance and extend the battery life.

The BA BATEQ5 Battery Equaliser may be used for 24V, 36V, 48V and any other 12V system.

Specifications subject to change without notice.