

BATTERY EQUALISER

2 WAY 12/24V 5A

BA20003

- Optimized for 2×12V Battery Systems.
- Balances series-connected batteries in 24V setups for reliable performance
- Active Equalization & Longer Battery Life
Transfers energy between batteries to prevent imbalance and extend lifespan.
- Universal Compatibility & High Efficiency Works with all battery types, with low power use and high efficiency.
- Compact Design with LED Indicator
Small, easy to install, with built-in LED for clear status updates.
- CE and RoHS certified for quality and environmental standards.



BA20003

BATTERY ACCESSORIES SPECIFICATIONS



Specifications

Battery Nominal Voltage	2* 12V
Optimising Current	0 - 5A
Battery Cell Voltage Range	10V - 18V
Dimensions (mm)	70x70x27mm
Weight	0.18kg
Protection	Reverse Polarity Protection
Low Voltage Disconnect	10V
Certification	CE, RoHS

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 2 Way 12/24V

Valen's Battery Equalizer is designed to optimize the performance and extend the lifespan of 24V battery systems configured with two 12V batteries in series. By continuously balancing the voltage between the two batteries, the equalizer ensures uniform charging and discharging, helping to prevent premature battery failure caused by imbalanced cell voltages.

Featuring an integrated LED indicator, this compact and efficient device is compatible with all battery types—including lithium, AGM, gel, lead-acid, and others—making it a versatile solution for a wide range of applications such as solar systems, RVs, backup power systems, and industrial equipment.

The equalizer activates automatically when a voltage difference of 20mV or more is detected between the two batteries, ensuring real-time balancing and active energy transfer. Built with low power consumption and high energy efficiency, it minimizes energy waste while maintaining optimal battery health.

Specifications subject to change without notice.