BATTERY EQUALISER 4 WAY 12/24V 10A

BA20004

- 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.

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VALEN Power

BA20004

BATTERY ACCESSORIES SPECIFICATIONS

Specifications

Battery Nominal Voltage	4* 12V
Optimising Current	0 - 10A
Battery Cell Voltage Range	2V-18V
Dimensions (mm)	124x62x27
Weight	0.4kg
Protection	Reverse Polarity Protection
Low Voltage Disconnect	11.5V
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 proteciton, safe and reliable.

Battery Equaliser 4 Way 12/24V 10A

Valen's Battery Equalizer is designed to optimize the performance and extend the lifespan of 24V battery systems configured with four 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.

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