

VLTG 70

3 Warranty 3 years

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12V

24V



Presentation

The best solution to protect your battery against :

- Deep discharge
- Overvoltage
- Overload

The Battery guard protects your battery in order to increase its duration life. It provides a constant low voltage, overvoltage and overload protection.

When your battery reaches the pre-set low voltage the Battery guard will automatically disconnect the DC consumers. DC consumers will be switched on again automatically when battery voltage increases and when defined threshold is reached. The system will operate the same way for over-voltage. Low voltage threshold can be selected from external DIP switches. The over-voltage value is fixed.

The system can also be used as manual main switch. The output is turned off when the switch is closed. In this mode the Battery guard will only operate as battery low voltage protector.

The Battery guard has an integrated buzzer and LED to monitor its operating state. It is compliant with all Lead battery types : wet, sealed, gel, AGM, Calcium, except lithium.

Part reference

VLTG 70

Characteristics

- Rated current (constant) : 70 A
- Max current (10s @ 20°C) : 140 A
- Voltage : 12 and 24 VDC
- Input voltage range : 8 - 31 VDC
- Consumption : > 2mA (LED off)
- Presentation : plastic housing with external fixings - IP51
- Connection : on threaded rods
- Dimensions (l x h x d) : 100 x 89,2 x 43 mm
- Weight : 0.21 kg
- Operating temperature : from -10°C to +60°C
- 12V low voltage adjustment : 9 - 12 VDC
- 12V overvoltage threshold : 15.5 VDC
- 24V low voltage adjustment : 18 - 24 VDC
- 24V overvoltage threshold : 31 VDC

Installation

