

BG Series Battery Guards

FEATURES

Can be set to connect/ disconnect at several different voltages.
 Batteries last longer.
 Prevents damage to connected components.
 Protects against excessive voltage caused by faulty alternators or chargers.

APPLICATIONS

Prevents excessive discharge of batteries.
 Ideal for:
 Marine
 Automotive
 Recreational vehicles
 Industry



100 AMPS

TECHNICAL SPECIFICATIONS

Model	BG-100
Maximum Continuous Load Current (Shutdown Current)	100A (105A)
Peak Current	480A
Operating Voltage	Autodetect 12 or 24V Battery voltage
	8-19 VDC (12VDC)
	20-35 VDC (24VDC)
	10 Programmable voltage thresholds
Current Consumption	~4mA
Current Consumption in OFF Position or under- or over- voltage position	~2mA
Overvoltage Shutdown	
12V Mode	>16V
24V Mode	>32V
Shutdown at Overload	After 5 sec. (after 1 minute start up)
Connections	On/Off switch
	Alarm buzzer or relay
Voltage Drop	0.125@90A
Current Output Tolerance	+/-20%
Voltage Tolerance	~2%
Casework	Anodized Aluminium
Enclosure Type	IP 66 (Watertight)
Approval	CE & Automotive
Dimensions (LxWxH)	110x120x60 mm
Weight	0,85 Kgs

Technical Specifications subject to change without notification.