



SAMLEX POWER PRODUCTS

BG Series Battery Guards

FEATURES

*Can be set to connect / disconnect at several different voltages with jumpers.
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*



200 Amps

TECHNICAL SPECIFICATIONS

Model	BG200
Maximum Continuous Load Current (Shutdown Current)	200 A (210 A)
Peak Current	480A
Operating Voltage	Autodetect 12 or 24VDC
	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	>16 V
24V Mode	>32 V
Shutdown at Overload	After 5 sec (after 1 minute start up)
Connections	On/Off switch
	Alarm buzzer or relay
	CurrentWatch current sensor
Voltage Drop	0.1125@180A
Current Output Tolerance	+/-20%
Voltage Tolerance	~2%
Casework	Anodized aluminium black
Enclosure Type	IP 66 (Watertight)
Safety & EMC	
Emission	EN50081-1 / EN61000-6-3
Immunity	EN50082-2 / EN61000-6-1
Automotive	95/95CE
Dimensions (D x W x H)	110 x 120 x 60 mm
Weight	0.23 Kg / 0.5 lb

Technical Specifications subject to change without notification.