

## 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



## 40 AMPS / 60 AMPS

### TECHNICAL SPECIFICATIONS

Model	BG40	BG60
Maximum Continuous Load Current	40A (45A)	60A (65A)
(Shutdown Current)		
Peak Current	120A	120A
Operating Voltage	Autodetect 12 or 24V Battery voltage 8-19 VDC (12VDC) 20-35 VDC (24VDC) 10 programmable voltage thresholds	
Current Consumption	~4mA	~4mA
Current Consumption in OFF Position	~2mA	~2mA
or under- or over- voltage position		
Overvoltage Shutdown		
12V Mode	> 16V	>16V
24V Mode	>32V	>32V
Shutdown at Overload	After 5 sec. (after 1 minute start up)	
Connections	On/O switch Alarm buzzer or relay CurrentWatch current sensor	
Voltage Drop	0.0875@35A	0.125@50A
Current Output Tolerance	+/-20%	+/-20%
Voltage Tolerance	~2%	~2%
Casework	Anodized aluminium black	
Enclosure Type	IP 66 (Watertight)	
Safety & EMC	CE and Automotive	
Emission	CE and Automotive	
immunity	CE and Automotive	
Automotive		
Dimensions (D x W x H)	180 x 60 x 40 mm	80 x 60 x 40 mm
Weight	0.19 Kg	0.19 Kg

Technical Specifications subject to change without notification.