



40 60A  
samlexamerica



### Battery Guard BG Series

Model  
BG-40  
40 Amps  
BG-60  
60 Amps

#### Design Features

- Prevents excessive discharge of batteries
- 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

- Marine
- Automotive
- Recreational vehicles
- Alternators or chargers

## 2 YEAR WARRANTY

MODEL NO.	BG-40	BG-60
<b>MAXIMUM CONTINUOUS LOAD CURRENT (SHUTDOWN CURRENT)</b>	40 A (45 A)	60 A (65 A)
<b>PEAK CURRENT</b>	120A	120A
<b>OPERATING VOLTAGE</b>	Autodetect 12 or 24VDC 8-19 VDC (12VDC) 20-35 VDC (24VDC) 10 programmable voltage thresholds	
<b>CURRENT CONSUMPTION</b>	~ 4mA	~ 4mA
<b>CURRENT CONSUMPTION IN OFF POSITION OR UNDER- OR OVER- VOLTAGE POSITION</b>	~ 2mA	~ 2mA
<b>VOLTAGE DROP</b>	0.0875@35A	0.125@50A
<b>OVERVOLTAGE SHUTDOWN</b>	12V MODE - >16 V 24V MODE - >32 V	12V MODE - >16 V 24V MODE - >32 V
<b>SHUTDOWN AT OVERLOAD</b>	After 5 sec (after 1 minute start up)	
<b>CONNECTIONS</b>	On/Off switch Alarm buzzer or relay Current Watch current sensor	
<b>CURRENT OUTPUT TOLERANCE</b>	+/-20%	+/-20%
<b>VOLTAGE TOLERANCE</b>	~2%	~2%
<b>CASEWORK</b>	Anodized aluminium black	Anodized aluminium black
<b>ENCLOSURE TYPE</b>	IP 66 (Watertight)	IP 66 (Watertight)
<b>SAFETY &amp; EMC</b>	EMISSION - EN50081-1 / EN61000-6-3 IMMUNITY - EN50082-2 / EN61000-6-1 AUTOMOTIVE - 95/95CE	
<b>DIMENSIONS, MM (L x W x H)</b>	80 x 60 x 40 mm	80 x 60 x 40 mm
<b>DIMENSIONS, INCHES (L x W x H)</b>	3.14 x 2.36 x 1.57"	3.14 x 2.36 x 1.57"
<b>WEIGHT, KG</b>	0.23	0.23
<b>WEIGHT, LB</b>	0.5	0.5

NOTE: Specifications are subject to change without notice