



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
MAXIMUM CONTINUOUS LOAD CURRENT (SHUTDOWN CURRENT)	40 A (45 A)	60 A (65 A)
PEAK CURRENT	120A	120A
OPERATING VOLTAGE	Autodetect 12 or 24VDC 8-19 VDC (12VDC) 20-35 VDC (24VDC) 10 programmable voltage thresholds	
CURRENT CONSUMPTION	~ 4mA	~ 4mA
CURRENT CONSUMPTION IN OFF POSITION OR UNDER- OR OVER- VOLTAGE POSITION	~ 2mA	~ 2mA
VOLTAGE DROP	0.0875@35A	0.125@50A
OVERVOLTAGE SHUTDOWN	12V MODE - >16 V 24V MODE - >32 V	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 Current Watch current sensor	
CURRENT OUTPUT TOLERANCE	+/-20%	+/-20%
VOLTAGE TOLERANCE	~2%	~2%
CASEWORK	Anodized aluminium black	Anodized aluminium black
ENCLOSURE TYPE	IP 66 (Watertight)	IP 66 (Watertight)
SAFETY & EMC	EMISSION - EN50081-1 / EN61000-6-3 IMMUNITY - EN50082-2 / EN61000-6-1 AUTOMOTIVE - 95/95CE	
DIMENSIONS, MM (L x W x H)	80 x 60 x 40 mm	80 x 60 x 40 mm
DIMENSIONS, INCHES (L x W x H)	3.14 x 2.36 x 1.57"	3.14 x 2.36 x 1.57"
WEIGHT, KG	0.23	0.23
WEIGHT, LB	0.5	0.5

NOTE: Specifications are subject to change without notice