



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

2 YEAR LIMITED WARRANTY



MODEL NO.	BG-40	BG-60
MAXIMUM CONTINUOUS LOAD CURRENT (SHUTDOWN CURRENT)	40A (45A)	60A (65A)
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 - >16V 24V MODE - >32V	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 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 (D x W x H), MM	81.7 x 65 x 41	81.7 x 65 x 41
DIMENSIONS, INCHES (D x W x H), INCH	3.2 x 2.6 x 1.6	3.2 x 2.6 x 1.6
WEIGHT, KG	0.2	0.2
WEIGHT, LB	0.4	0.4

NOTE: Specifications are subject to change without notice