



samlexamerica®

40-60A



Battery Voltage Protector BGW Series

Model
BGW-40
40 Amps
BGW-60
60 Amps

Design Features

- Waterproof
- 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.	BGW-40	BGW-60
MAXIMUM CONTINUOUS LOAD CURRENT (SHUTDOWN CURRENT)	40A (45A)	60A (65A)
PEAK CURRENT	300A (0.7 sec)	300A (0.7 sec)
OPERATING VOLTAGE	Autodetect 12 or 24VDC 8-19 VDC (12VDC) ; 20-35 VDC (24VDC) 10 programmable voltage thresholds	
CURRENT CONSUMPTION	3.2mA	3.2mA
CURRENT CONSUMPTION IN OFF POSITION OR UNDER- OR OVER- VOLTAGE POSITION	3.2mA	3.2mA
VOLTAGE DROP	40 mV at 40A	60 mV at 60A
SHUTDOWN PROTECTION	Low Voltage, Overvoltage, Over Current, Temperature	
CONNECTIONS	Remote On/Off Switch Status / Alarm connection for user provided device such as buzzer, lamp, or relay.	
CURRENT ACCURACY	10%	10%
VOLTAGE ACCURACY	2%	2%
CASEWORK	Rubberized Polyurethane PU552	Rubberized Polyurethane PU552
ENCLOSURE TYPE	IP66 (Waterproof)	IP66 (Waterproof)
SAFETY & EMC	EMISSION - EN 61000-6-3:2007 IMMUNITY - EN 61000-6-2:2005 CE, UKCA, RoHS	
DIMENSIONS, MM (D x W x H), MM	62 x 72 x 32	62 x 72 x 32
DIMENSIONS, INCHES (D x W x H), INCH	2.44 x 2.83 x 1.26	2.44 x 2.83 x 1.26
WEIGHT, KG	0.2	0.2
WEIGHT, LB	0.4	0.4

NOTE: Specifications are subject to change without notice

12004-BGW-40-60-0923