

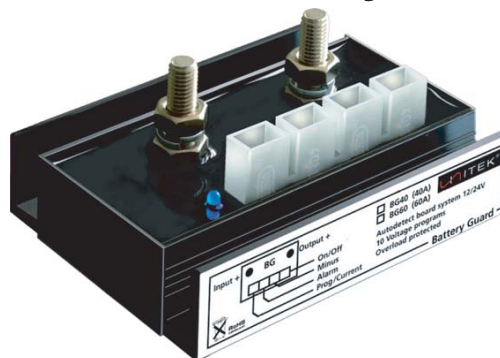
BG Series Battery Guards

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 (Shutdown Current)	40 A (45 A)	60 A (65 A)	
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 or under- or over- voltage position	~ 2mA	~ 2mA	
Overvoltage Shutdown			
	12V Mode	>16 V	>16 V
24V Mode	>32 V	>32 V	
Shutdown at Overload	After 5 sec (after 1 minute start up)		
Connections	On/Off 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			
	Emission	EN50081-1 / EN61000-6-3	
	Immunity	EN50082-2 / EN61000-6-1	
Automotive	95/95CE		
Dimensions (D x W x H)	80 x 60 x 40 mm	80 x 60 x 40 mm	
Weight	0.23 Kg / 0.5 lb	0.23 Kg / 0.5 lb	

Technical Specifications subject to change without notification.