

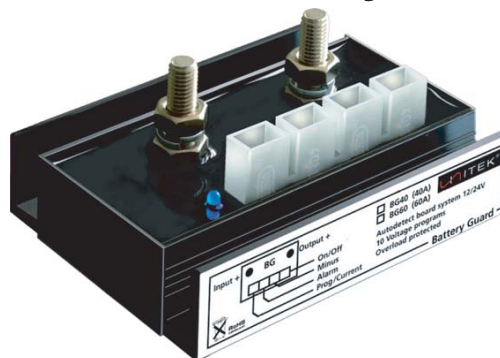
BG Series Battery Guards

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.