

## BATTERY GUARD AUTO

allows you to remotely disconnect the vehicle from the battery.

Prevents battery drain during storage while eliminating the cumbersome task of physically removing the battery cable from the bank of batteries.

While in BGA mode, automatically disconnects vehicle from battery if it senses low voltage condition, but with owner override capability.

Automatically re-connects vehicle to battery if it senses a charging voltage condition.



### Key Features:

1. Draws no current in ON or OFF state
2. Current Ratings: 160A Continuous, 600A Cranking  
225A Continuous, 1200A Cranking
3. a. Ignition Proof, SAE J1171  
b. Waterproof, IEC 60529, IP66 IP67, ASTM B 117 96 Hours Salt Spray  
c. Approved for battery compartments
4. Single wire operation.
5. Microprocessor controlled internal coil
  - a. No external fuse.
  - b. Prevents coil damage from “sticky switches”
  - c. Prevents accidental disconnect if ignition signal is present
6. Weighs under 1 pound.

**Operation:**

The **BATTERY GUARD AUTO** opens & connects the two 5/16" copper terminals by means of a sliding contact. There are 3 states, Off-Disconnected, On-Connected, & BGA-Connected with Auto, whereby the device will disconnect when it senses low battery, and reconnect when it senses charging. Cycling the switch Off & On will also reconnect the relay. The **BGA** remains in the ON or OFF State, without coil power.

Specifications:	Battery Guard 160A	Part Number: 00-10041-400	
	Battery Guard 225A	Part Number: 00-10041-450	
Relay Contacts:	Wire Size	Amps Continuous	Amps Intermittent, 30 secs
	2/0	225A	1200A
	1/0	200A	1200A
	1	160A	600A
	2	130A	600A
	4	100A	600A
Low Voltage Sense	Chassis Battery	Coach Battery	
	<12.2V for 5 mins	<11.5V for 2 mins	
Reconnect Voltage	>13.2V for 20 secs	same	
Maximum Dimensions:	3" wide	5-1/4" high	2" deep (3) 3/16" Mounting Holes
Connections	Coach or Chassis Battery	5/16" Ring Terminal	
	Input Terminals	#10 Ring Terminal	
Environment:			
Waterproof:	IEC 60529, IP66 IP67, ASTM B 117 96 Hours Salt Spray		
Ignition Proof:	SAE J1171		
	Minimum	Typical	Maximum
Coil Volts DC	9.0VDC	12.0VDC	16.0VDC
Coil Amps DC		10amps	0.5 sec max internally protected
Ambient Temperature	-40°C		+60°C
Switch Life	50,000 cycles		

Note: Connecting Ignition wire converts BGA from House to Engine Type.

