

Battery Guard® 3000

Programmable Intelligent Battery Disconnect

P/N: 00-01013-120

The Battery Guard® 3000 Kit is a fully programmable power management system and is available in 12V and 24V and in 100A and 250A configurations. The system operates by constantly monitoring the available battery power when the engine or charging source is turned off.

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Programmable Intelligent Battery Disconnect



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Prevent Dead Batteries

AND MONITOR YOUR BATTERY SYSTEM

Should the battery voltage drop below a preprogrammed voltage and time threshold, the system isolates all electrical loads that are wired through the Battery Guard[®] 3000 (BG3K) relay to ensure power is reserved for starting the engine. At this stage the vehicle operator would need to press the flashing Battery Guard[®] reset switch, restoring power to the ignition.

Provided with the BG3K is a manual battery disconnect via the reset switch. This function is also programmable to suit any OEM or customer specific application.



Battery Guard[®] 3000 Features

- Fully Programmable thresholds
- Manual battery isolator
- Programmable Alarms
- Intelligent split charging
- Record low voltage events
- Does not affect OE CANbus systems
- LED Diagnostics
- IP67 ECU & Connectors
- User friendly GUI
- Mechanical: 6"(L) x 3.5"(W) x 2.25"(H)

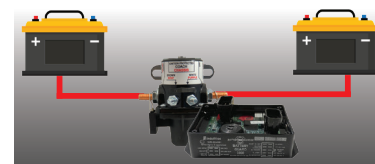
OPERATION & DIAGNOSTICS



Within the BG3K ECU is an audible alarm that can be linked to any voltage and time parameter the installer needs for their specific application.

The ECU has two programmable 10A outputs that can be used to switch other external alarms or devices as needed.

An example of this is a trucking application for a lift gate. An audible alarm can alert the lift gate operator of low voltage conditions and prevent unneeded maintenance.



The BG3K can also be configured to function as an intelligent split charge solution for vehicles with a chassis and auxiliary battery configuration.

The BG3K ECU is able to record every low voltage disconnect and also manual disconnects, relaying useful information for vehicle and fleet management.