

24V Battery Manager

How Does It Work?

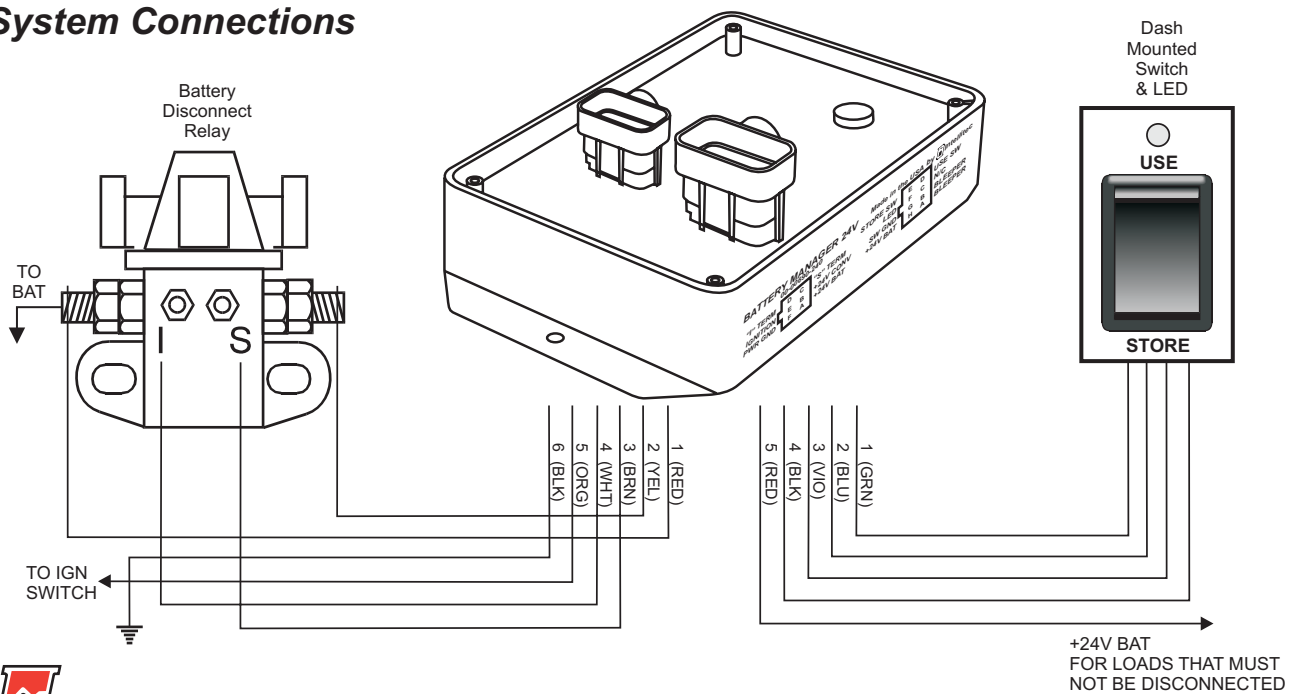
The Battery Manager uses a unique latching solenoid to connect the battery to the vehicle's electrical system. The solenoid only draws power during actuation, so it does not cause any discharge of the battery. This solenoid allows the battery to be connected or disconnected electrically, so that the system can protect the battery from accidental discharge or over charge.

The electronic circuitry uses the voltage information of the battery to determine the state of charge. The voltage of the battery is continuously compared to an internal, temperature compensated, reference source that is adjusted in the factory to better than 0.5% accuracy.

Specifications:

Part Number:	00-00567-240
Standby Current:	Less than 2 milliamps
Ambient Temperature Range:	-40C to +85C
Normal Input Voltage Range:	20 to 32 volts
Short Term Over Voltage Protection:	+36 volts
Reverse Voltage Protection:	- 300 volts
Positive Voltage Spike Protection:	+150 volts
Operating Environment:	Electronics assembly out of direct weather

System Connections



Intellitec

131 Eisenhower Lane North
Lombard, IL 60148
630.268.0010 / 1.800.251.2408
FAX 630.916.7890

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