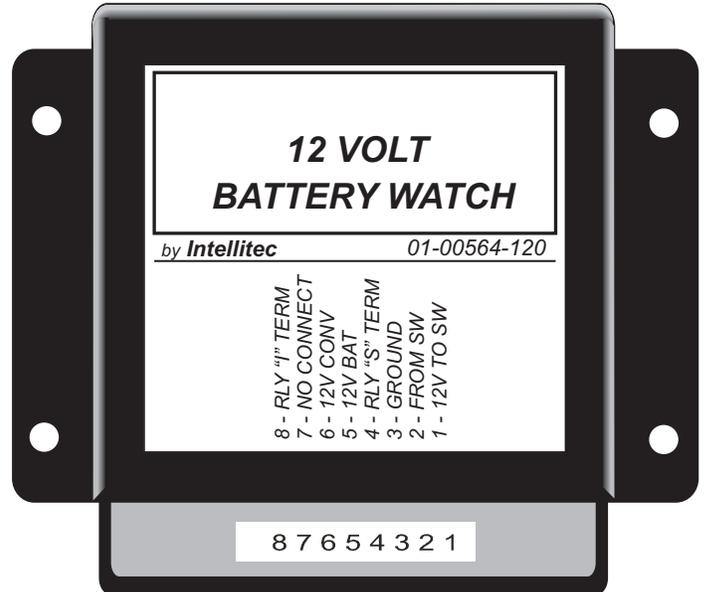


Battery Watch

Intellitec's **battery WATCH** system prevents the battery of an RV or boat from being over-charged by the converter when the unit is plugged into shore power for extended periods of time. It also provides a remote battery disconnect switch that allows the owner to disconnect the battery when the unit is put into storage. The system consists of an Intellitec Battery Disconnect Relay, the **battery WATCH** Controller and the remote battery disconnect switch.

The heart of the system is the unique Battery Disconnect Relay (US Patent #4,628,289) that has been used by the RV industry for over ten years. This rugged, latching relay is capable of carrying heavy currents even though it requires no power to maintain its open or closed positions.

The system operates by connecting the battery to the converter for a period of one hour. At the end of this time, it disconnects the battery and checks the state of charge. If the battery is not fully charged, it is re-connected for another hour and then checked again. When the battery is fully charged, it remains disconnected until it is in need of charging.



Part Number: 01-00564-120 (12V)
01-00564-240 (24V)

If, while the battery is disconnected, the shore power gets disconnected, **battery WATCH** will quickly re-connect the battery to provide power to the loads.

When the owner puts the unit in storage, the battery can be disconnected by placing the battery switch in the "STORE" position. When the unit is ready for use, the battery can be re-connected by placing the switch in the "USE" position.



Intellitec

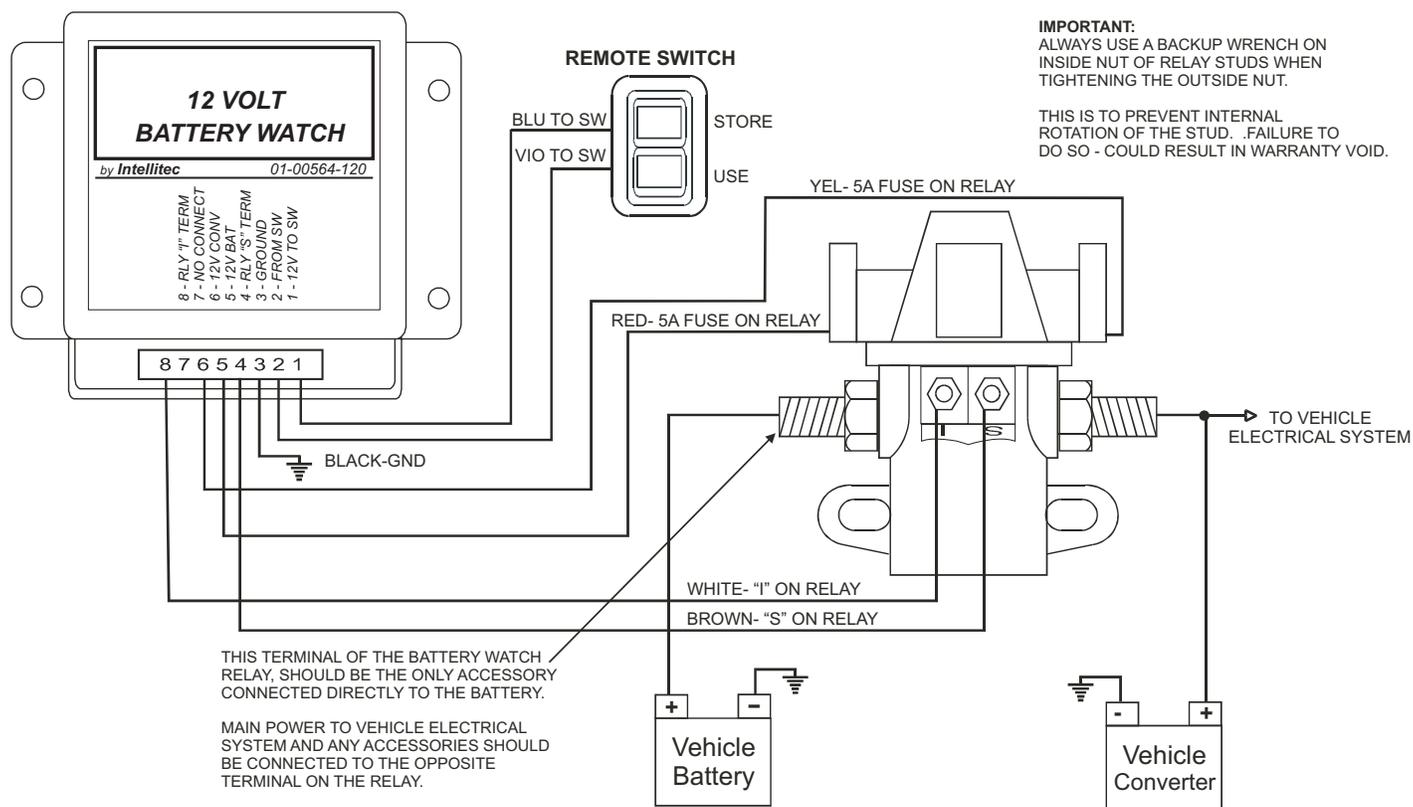
131 Eisenhower Lane North
Lombard, IL 60148
630.268.0010 / 1.800.251.2408
FAX 630.916.7890

Battery Watch

SPECIFICATIONS

Part Number	01-00564-120 (12V) 01-00564-240 (24V)
Continuous Carry Current:	100 Amps
Standby Current:	Less than 3 Milliamps

WIRING DIAGRAM



Intellitec

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