



# Smart Battery Isolator

## Performance

### Summary

The True Smart Battery Isolator (SBI) is a technologically advanced voltage sensitive automated switching mechanism that allows for efficient installation of additional batteries to provide necessary reserve capacity to operate electrical accessories and components. The SBI automatically manages the charging voltage provided by a vehicles alternator or stator to prioritize the necessity of the primary batteries charge while still providing all additional charging capabilities to be extended to maintaining the secondary batteries. In addition the SBI will automatically isolate the primary battery from the secondary, and thus the electrical accessories connected to the secondary, eliminating the probability of these accessories depleting the primary battery and rendering the vehicle inoperable.



## Features

True isolators dual sensing technology provides two basic advantages over a single sensing or diode based unit. The dual sensing design eliminates the possibility of installing the unit backwards as it will function with current flow in either direction. This also allows for simple charge maintenance by allowing a single battery charger to be connected to either battery but still charge both batteries. The SBI also features a transparent case eliminating the need for a hole in the unit to allow viewing of the indicator light. Instead the transparent case allows for viewing of the indicator LED from any angle and since there is no hole it is truly 100% waterproof. Additionally the True smart battery isolator is compact and additional case features include a removable back cover plate which provides a mounting templates for easy installation as well as designated side knockout openings that allow for cable access from all four sides.



## Options

For dealers, installers and resellers True Amalgamated offers custom product programming and features to address needs such as manual or automatic combining, override or "jump start" features, selected threshold variations, LED color selection and more. Also for those wishing to establish there own business and product name recognition TrueAm provides private labeling with minimal initial investments and low minimum order sizes.



True Part Number	Rating Voltage	Intermittent Current	Cut In Voltage	Cut Out Voltage	Ignition Protection
IP-DS14012.913.4	12V	170 Amp	13.4 V*	12.9 V*	UL1107/UL1500

This True SBI is programmed with a 10 second delay before engaging or disengaging.



True Amalgamated, Inc.