



Smart Battery Isolator

New Model Heavy Current



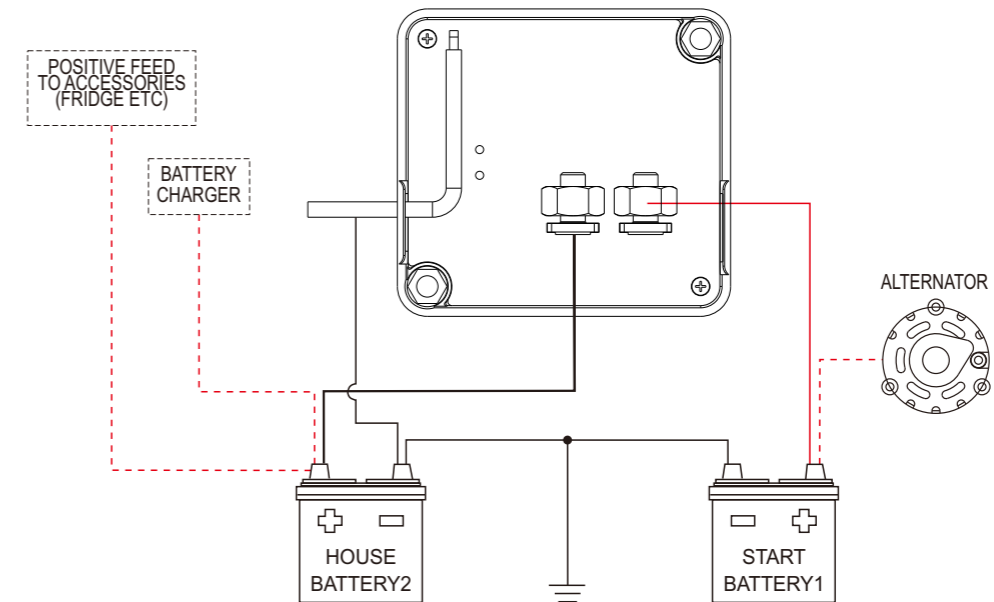
Outstanding Features

- 12V 200A; 12V 300A
- Designed for dual battery system
- For 12V charging system
- Surge protection
- Easy to install

Product Series

Part Number	Rated voltage	Rated current	Gap current	Cut in	Cut out
R12140A	12V	140A	170A	13.7V	12.8V
R24100A	24V	100A	140A	27.4V	25.6V
R12140B	12V	140A	170A	13.3V	12.8V
R24100B	24V	100A	140A	26.6V	25.6V
R12140C -1/R12140C -2	12V	140A	170A	13.7V	12.8V
R24100C -1/R24100C -2	24V	100A	140A	27.4V	25.6V
R12140E	12V	140A	170A	13.2V	12.7V
Part Number	Rated voltage	Rated current	Peak current	Cut in	Cut out
R12300A	12V	200A	400A	13.8V	13.3V
R12300B	12V	300A	500A	13.3V	12.8V

Smart Battery Isolator



How Does It Work?

When the voltage of start battery is higher than cut-in volts, the smart battery isolator (SBI) keeps engaging, two batteries (start and house) are charged simultaneously. Unit Indicator (LED) is on.

When the batteries no longer have a charge from the alternator, and loads on the batteries begin to deplete them. Unit Indicator (LED) is on.

When the voltage drops below cut-off volts for 5 seconds, the SBI senses it and disengages, separating both batteries. Unit Indicator (LED) is off.

When the vehicle is restarted, the start battery has reached the cut-in volts, the SBI engaged again. Unit Indicator (LED) is on.

Applications

- Designed for dual battery system
- Suitable for most 12V/24V charging systems

