Hellroaring Technologies, inc.

Polson, Montana - USA

Our BIC-75150 Page





Up
Why Hellroaring!
Battery Tips
BIC-75150
BIC-75300
Remote Module
BIC FAQ
Car Power Audio
Marine Applications
Camper/Trailer Applications
Custom Truck Applications
4 Wheel Drive
DC Solid State Relay (SSR) Auxiliary Cranking Power
Starting Boost
Sales

Battery Isolator / Combiner Models:

BIC-75150 BIC-75300

Application Notes for:

Car Power Audio | Watercraft | 4 Wheel Drive | Camper/Trailer

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Hellroaring Technologies

BIC-75150

Battery Isolator / Combiner



This device allows you to isolate your starting battery from all your deep cycle or accessory loads and provide the most efficient charging to both battery systems. Probably the best connection method is to connect your starting battery **only** to your starter circuit. Then isolate this circuit from all other loads and your deep cycle battery using the BIC-75150. A starting battery rarely accepts more than 60 amps from an alternator. The BIC-75150 can handle this very well. And since all your accessory loads and deep cycle batteries are connected **directly** to your alternator, you can use any size alternator! A 300+ Amp alternator will not affect the BIC-75150 battery isolator / combiner when connected in this way!

Use it for :

- Vehicle starting battery isolation.
- Faster charging of your Deep Cycle battery banks with high output alternators.
- **RV / Trailer / Camper deep cycle battery isolation / starting boost.**
- **4x4 / RV security auxiliary battery / Winch boost.**
- Cold weather **starting** boost.
- Dual battery installations for **Power Audio systems**.
- Starting Battery isolation for **boats**.
- Trolling Motor battery charging from Outboard Motors.
- Solid State switching of auxiliary loads.

- Industrial switching of 12 volt dc loads.
- Automatic "Low Battery" cutoff circuits.

Hellroaring BIC-75150

Premium Quality Features:

- **Designed for automotive and marine, 12 Volt negative ground systems only.**
- **Automatic Electronic Isolation (switches ON when charge voltage is available. Switches OFF when the voltage drops below any surface charge. Switching voltages can be modified from standard settings with the use of an external resistor if desired.)**
- **Very low voltage drop (No diode effect! Functions like a heavy duty relay.)**
- **Rated for 75 Amps continuous; 150 Amps short term.**
- **Configured for starting battery isolation, can be used with alternators with greater than 300 amp outputs.**
- **Very low operation current (< 0.012 A when ON, < 0.0005 A when OFF.)**
- **Built-In LED indicator. (Provides diagnostics of battery system)**
- **Output connection for a Remote LED indicator.**
- **Remote Switching Capability (for convenient starting boost) to ON, Automatic, or OFF.**
- **Compact Size (less than ½ the size of similar rated diode isolators or other combiners.)**
- **Simple installation (Works great with internal sense alternators.)**
- **Upgradable (You can increase current handling capability simply by adding a second BIC-75150 in parallel.)**
- **All Solid State Design (No mechanical parts to wear out.)**
- **Premium Quality Solid Brass (tin plated) Terminals with large surface contact area (for maximum current transfer.)**
- **Hex Base Terminal Design (for strength. Only a nutdriver needed to tighten!)**
- **Premium Quality Stainless Steel signal terminals.**
- **Can be used for switching industrial electronic 12 volt dc loads.**

Note: The **BIC-75150A** has replaced the BIC-75150 for new sales. It has identical electrical performance but is constructed with larger terminal studs, and includes the following additional material: Ground wire, ground fuse, ground fuse holder, sheet metal screws, tie wraps, insulator nuts, and cable clamps for your primary wires.

This is what you get when you order the **BIC-75150A**:

BIC-75150A unit (With Larger Terminal Studs)

Sense Resistor

Small external diode

LED

Terminal lugs

Nuts, 1/4-28 & 6-32

Heat Shrink

Sheet Metal Screws

Ground wire with fuse holder and terminal lug

Fuse, 3A

Nylon Cable clamps

Nylon tie wraps

Nylon Cap Nuts for insulation



Click here for the BIC Specifications.

Hellroaring BIC FAQ

Pricing

Affordable!

Description	Model #	Unit Price
Battery Isolator/Combiner	BIC-75150A	$124.95
Battery Isolator/Combiner	BIC-75300A	$149.95

Remote Module	Remote Module	$39.95

No Sales Taxes!

Price **includes Free** shipping to anywhere in the continental United States.

Yes, I want one today! - Sales

Sales Products Home

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