

CAUTION! PLEASE READ!



Do Not Over-tighten Terminals!

Whether using the automotive post adaptors, bolts or screws, the tightening torque should never exceed 8 ft-lbs max on any XS Power product!

Thank you for purchasing this XS Power Batteries product! We take great pride in our quality, value and performance and believe that this product will offer you trouble free operation throughout its lifetime providing you take care to follow the simple instructions.

Applications

Powersports, 4WD, marine, campers or any vehicle with secondary batteries.

Introduction

Automatic separation and connection of the starting battery in parallel with secondary battery according to the voltage level of the starting battery. This isolator will constantly scan the starting battery voltage for connection and charging of the secondary battery to the starting battery.

WARNING/SAFETY Precautions

Never use an isolator in a location with the possibility of gas or dust explosions. Use the proper sized cable, connectors and terminals. Be sure to torque all hardware to the proper spec.

Features

- Designed For Dual Battery Systems
- Suitable For 12V/24V Charging Systems
- Easy Installation
- Surge Protection
- Automatic Voltage Level Detection

Specifications

Models	Rating Voltage	Continuous Current	Intermittent Current	Cut-In Voltage	Cut-Out Voltage
1KXS8	12V	140A	170A	13.3V	12.8V
1KXS4	12V	140A	170A	13.3V	12.8V

Delay Timer	5 Seconds
Function	Fully Automatic Module
Operation Temp. Range	-22°F / 221°F (-30°C / 105°C)
Storage Temp. Range	-40°F / 257°F (-40°C / 125°C)
Dimensions	2.66 x 2.66 x 2.11in / 67.5 x 67.5 x 53.5mm
Weight	.44lbs / .2kgs

Technical Assistance

Our Customer Service Department is eager to help you with any questions or issues you may have and are available from 8:30AM to 5:30PM, Monday thru Friday at 865-688-5953. In addition, technical support is available via FAX at 865-281-9844 or by email at tech@xspowerbatteries.com

Be sure to check out our website for additional technical and product information.

xspowerbatteries.com - 888-4XSPower - International: 865-688-5953

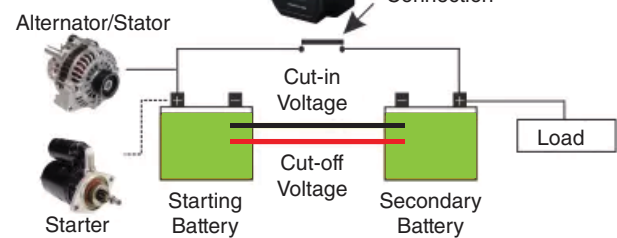


PROP 65 WARNING: This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer or birth defects or other reproductive harm. Wash hands after handling.

For more information, visit www.P65Warnings.ca.gov

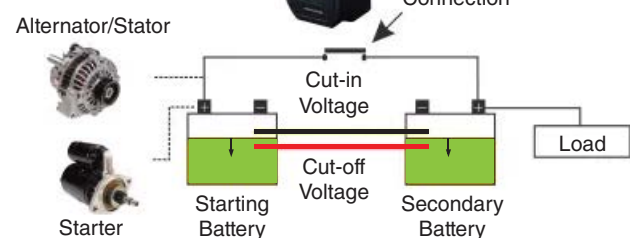
Functionality

1. LED ON ●



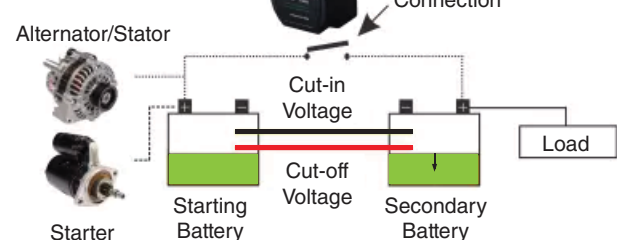
1. When the voltage of the starting battery reaches 13.3V, the isolator is engaged. The two batteries charge simultaneously. The LED indicator will be on.

2. LED ON ●



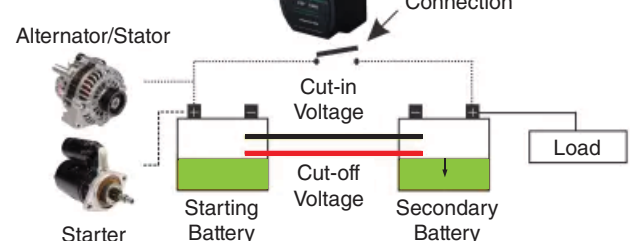
2. When the batteries are no longer being charged by the alternator, and both batteries are being drained. The LED indicator will be on.

3. LED OFF ●



3. When the voltage drops below 12.8V for 5 seconds, the isolator senses this and disengages, separating the batteries. The LED indicator will be off.

4. LED ON ●



4. When the vehicle is restarted and the starting battery reaches 13.3V, the isolator will reengage. The LED indicator will be on.