

Battery Isolators

Heavy duty battery isolators allow charging multiple batteries automatically from one or two alternators, and prevent discharge or "dumping" of one battery into another. Each battery is charged according to its need without overcharging.

Rated for 12-48 volt negative ground DC systems. Units feature conservatively rated diodes and a rustproof anodized aluminum heat sink case. Models are available for 70, 120 and 165 amp alternators.



Product Features

- Heavy duty construction
- Rated for systems up to 48 volts DC
- Rust-proof anodized aluminum case
- Stainless steel mounting hardware provided
- Protective covers provided for terminals

Product Specifications

Operating Temperature	-40 to +80° C
Duty Cycle	Continuous rating to 50° C Derate linearly to 70% @ 80° C
Temp. Rise	95° C at full rated current (mount vertically for optimum cooling)
Voltage Drop	At 50% load 0.7V, At full load 0.9V

Model Selection Guide

Model	Alternator Sources	Battery Bank	Input Capacity (Max Amperage)	Weight	Dimensions
1-2-70	1	2	70	2 lbs (.9 kg)	3.25"L x 4.5"W x 3.1" H (8.3 x 11.4 x 7.9 cm)
1-3-70	1	3	70	2 lbs (.9 kg)	3.25"L x 4.5"W x 3.1" H (8.3 x 11.4 x 7.9 cm)
2-3-70	2	3	70	4 lbs (1.8 kg)	6.5"L x 4.5"W x 3.1"H (16.5 x 11.4 x 7.9 cm)
1-2-120	1	2	120	3 lbs (1.4 kg)	6.5"L x 4.5"W x 3.1"H (16.5 x 11.4 x 7.9 cm)
1-3-120	1	3	120	3 lbs (1.4 kg)	6.5"L x 4.5"W x 3.1"H (16.5 x 11.4 x 7.9 cm)
2-3-120	2	3	120	5 lbs (2.3 kg)	12.5"L x 4.5"W x 3.1"H (30.5 x 11.4 x 7.9 cm)
1-3-165	1	3	165	5 lbs (2.3 kg)	9"L x 4.5"W x 3.1"H (22.9 x 11.4 x 8.0 cm)