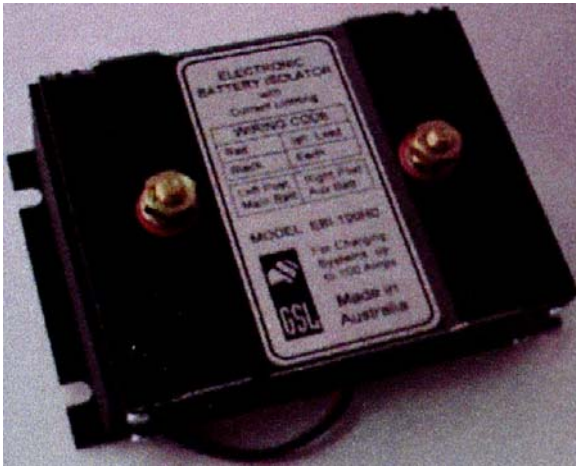
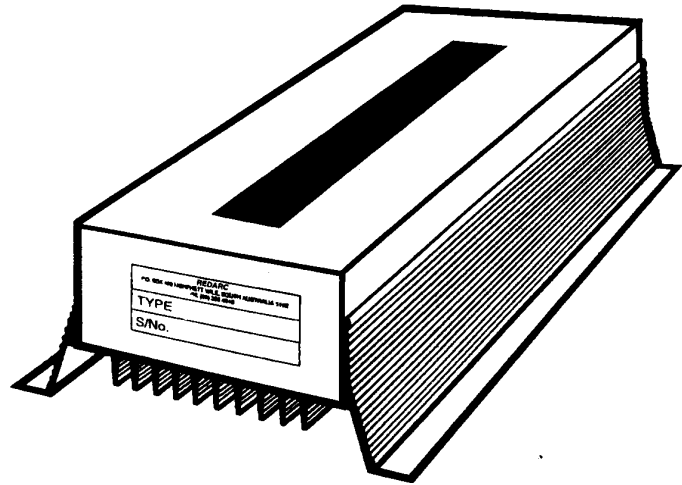


Battery Isolators & Equalizers



Battery Isolator



Battery Charge Equalizer

Battery Isolators and Charge Equalizers are ideal for dual battery systems in mobile homes and boats. A typical situation where either an Isolator or a Charge Equalizer is used is where one battery is used for starting the vehicle and the other battery is used for lights and appliances. The loads may either be direct DC or via a DC to 240V AC inverter. Battery isolators and equalisers may also have an application in stationary solar power systems for emergency lights, refrigeration for medical supplies etc.

A **Battery Isolator** is used when connecting two batteries of the same voltage to a common charging source such that the lights and appliances cannot discharge the engine starting battery or vice versa. Battery isolators are available in either 12V or 24V.

When you have a dual battery system where the battery voltages are not the same, particularly when the starting battery is 24 volts and the appliance and lighting battery is 12 volts, a **Battery Charge Equalizer** will then allow you to charge the 12 volt battery from the 24 volt supply when you are driving or when you want to provide both voltages stored in separate batteries from a single solar array.

Battery Isolator Features:

- Suitable for 100 Amp Charging System
- Simple installation does not interfere with existing wiring
- Does not require battery sensing circuit for charging system excitation
- Ensures that auxiliary battery is isolated from the main battery except during charging
- Suitable for negative earth systems
- Universally suited to all vehicles
- Current Limiting

Specifications	12V (BAX-110)	24V (BAX-220)
Cut-in Voltage	13.2 V DC	26.4 V DC
Cut-out Voltage	11.4 V DC	22.8 V DC
Dimensions L x W x H mm	90 x 135 x 40	90 x 135 x 60
Weight	400 gms	430 gms

Battery Charge Equalizer Features:

Cat.# BAX-222

- Suitable for 20 Amp charging current to a 12 volt battery based power system - (Larger units available)
- Not limited to the output of the equalizer as the battery can supply high currents for short durations
 - Ideal for running a wide range of 12 volt equipment from a 24 volt supply
 - Protected against water ingress and mechanical shock and vibration.
- 2 year warranty



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