



Voltage Sensitive Relay

The Voltage Sensitive Relay (VSR) allows two battery banks to be charged at the same time. When the engine is started and the start battery reaches 13.7 volts, the VSR engages, allowing two battery banks (start and house) to be charged simultaneously. When the voltage drops below 12.8 volts (eg the engine is stopped), the VSR disengages, separating the battery banks. This system eliminates the possibility of draining the wrong battery and protects sensitive electronic equipment from harmful engine start up spikes. 125 Amps continuous and 150 Amps intermittent. 12VDC
Dimensions 2.75H x 2.75W x 2D inches



ORDER NO.	PRICE
MAR BEP710125A	\$101.65



DC-DC converters

BEP Marine have introduced a new range of DC - DC Converters for use on 24v systems, to supply HF/SSB Radios, high power audio, TV's etc for 12V use. The range offers the following features:

Features:

- High efficiency (>90%) switch mode voltage converter
- Short circuit protected: output drops to 0V
- Reverse polarity protected: reverts when corrected
- Fast shutdown protects equipment and wiring
- Does not rely on fuses to protect equipment
- Case floating (no DC connection)
- LED state indicators
- Crimp on cable connectors (supplied)
- Clip-on mounted bracket (supplied with screws)
- Easily installed – fit anywhere. (very small size)

	DCVR4A	DCVR10A	DCVR20A
Input Voltage	15 – 38V	15 – 38V	18 – 38V
Output Voltage	13.2V	13.2V	13.2V
Continuous Load	4 Amps	10 Amps	20 Amps
Peak Load	7 Amps	14 Amps	24 Amps
No Load Current	<15mA	<15mA	<15mA
Length	2.75"	3.5"	6.25"
Width	2.9"	2.9"	2.9"
Depth	1.25"	1.25"	1.25"

ORDER NO.	PRICE
MAR BEPDCVR4A	\$146.60
MAR BEPDCVR10A	\$244.28
MAR BEPDCVR20A	\$360.00



Single engine, two battery bank cluster

The 714-100A uses our dual sensing VSR (710-100A-DS).

It ensures you will always have a fully charged reserve battery. When the switch is in position 1 it becomes the sensing battery for the VSR. Battery 2 which is in isolation will be charged via the VSR when the engine is running ensuring it is always fully charged. When the switch is in battery 2 position this becomes the sensing battery and battery 1 is charged via the VSR. The fact that there is always a fully charged battery in reserve is a huge safety factor.

Dimensions 5.3" W x 2.75" H



ORDER NO.	PRICE
MAR BEP714100A	\$169.60



Battery Distribution Cluster

Single engine two battery banks

DUAL BATTERY CHARGING MADE EASY!

The 716 battery distribution cluster is the optimum battery management system for your single engine boat. Start, House and emergency parallel in combination with a Voltage sensitive relay. The 716 combines 3 of BEP's 701 battery switches and a 710-100A Voltage sensitive relay (VSR).

For use on charging systems under 100A. To be used in the following systems:

1. Single outboard dual battery bank.
2. Single alternator inboard engine dual battery bank.

Dimensions: 5.4"W X 5.4"H

ORDER NO.	PRICE
MAR BEP716SQ100A	\$216.00



**Battery Distribution Cluster
Twin outboard three battery banks**

This system is designed for twin outboard installations using outboards without AUX outputs. It will allow the port engine to charge the port start battery and the house battery when the VSR is engaged. It will also allow the starboard engine to charge the starboard start battery and the house battery when the starboard VSR is engaged, giving a combined charge from two outboards into the house battery until the voltage regulators on both engines control the charge. It will also allow the house battery to be charged if steaming on one engine.

Dimensions: 5.4"W X 8.1"H

ORDER NO.	PRICE
MAR BEP717100A	\$375.12

