

ARGO Diode Battery Combiners



Argo Diode Battery Combiner BCD 802

Diode Battery Combiners are used to guarantee continuous DC power to mission critical equipment, such as an electronic engine control system. With a diode battery combiner two or more DC power sources can be used in parallel to supply the mission critical load. Failure of one source will not interrupt power to the critical load.

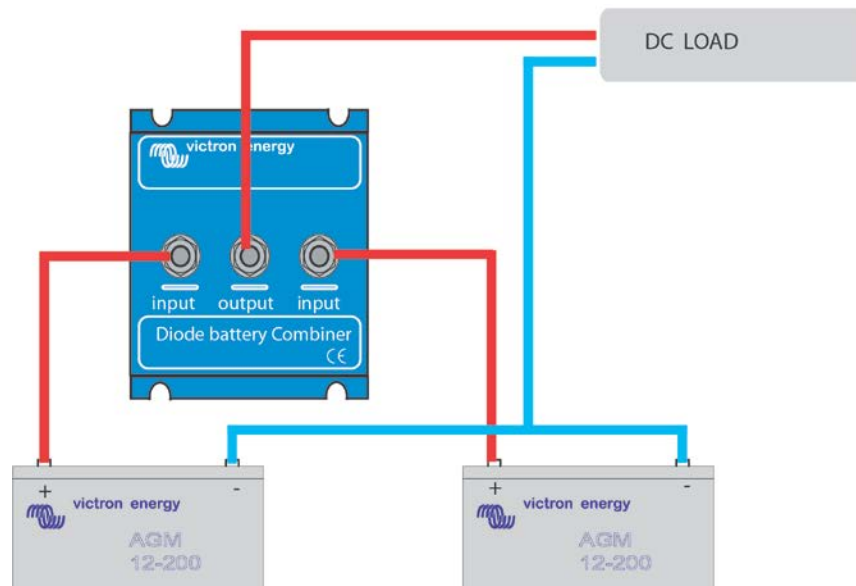
The Argo Battery Combiners feature a low voltage drop thanks to the use of Schottky diodes: at low current the voltage drop is approximately 0,3 V and at the rated output approximately 0,45 V.

Warning: hot surface, mount the Argo Diode Battery Combiner on non-flammable surface only!

Argo Diode Battery Combiner	BCD 402	BCD 802
Maximum continuous current (A)	40	80
Number of batteries	2	2
Connection	M6 bolts	M6 bolts
Weight kg (lbs)	0,8 (1.8)	0,8 (1.8)
Dimensions h x w x d in mm (h x w x d in inches)	60 x 120 x 75 (2.4 x 4.7 x 3.0)	60 x 120 x 75 (2.4 x 4.7 x 3.0)



Circuit diagram



System with two batteries

Oceanvolt teams up with Victron Energy

Press release Almere, 21 November 2013

The Finnish electric propulsion specialist Oceanvolt enters to a two-way relationship with Victron Energy.

The two companies will integrate their products to work as a unified system, which will form the base of Oceanvolts SEA® (Silent Electric Autonomy) concept. Oceanvolt SEA® system enables among other things running your A/C and other appliances without using your generator by converting the electricity from the propulsion system battery into 220VAC.

Oceanvolt will offer it's customers systems which use Victron Energy's charger/inverters, solar charger controllers and other electric components together with it's propulsion system. Oceanvolts electric propulsion systems have already been installed in over 50 customer boats.

Both parties of the agreement seem pleased. "Victron Energy's products perfectly compliments our propulsion system and together they offer our customers the comforts of home while at sea," says CEO of Oceanvolt, Timo Jaakkola.

"The Oceanvolt system impressed us. It is a mature and finished system. With this partnership our customers can offer an electric propulsion system which works as a part of a boats existing electrical network", says Victron Energy's Managing Director, Matthijs Vader.