



The Battery Isolator makes it possible to charge 2 or 3 batteries by 1 alternator without direct contact between the batteries. The Battery Isolator is used in boats, campers en caravans when besides the start battery an auxiliary battery is used. Because the batteries are isolated from each other by the Battery Isolator, discharging one battery has no effect on the other battery. The Battery Isolator is build around Schottky Diodes which have low voltage drop (0.3V-0.45V depending on load) as an advantage. Diodes just conduct current in one direction, so the battery will be charged but can not be discharged at the generator connection or on the other battery. Because the Battery Isolator has a voltage drop, the battery will never be charged fully. By use of the compensation diode the loss will be limited. In some cases it is important that a starter battery and the auxiliary battery are totally isolated from each other. The voltage drop should be as little as possible. For these applications the Battery Isolator with compensation is very suitable. As an alternative the Battery Separator can be used.

The retail price will be shown if you put your mouse arrow on top of an article number.

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No.	Max. charge current	Max. alternator current	Number of batteries	Battery connection	Compensation connection	Weight kilogram	Dimensions (HxWxD)
DB70-2C-STK	50A	70A	2	M6	M4	0,6 kg	60x120x80 mm
DB90-2C-STK	70A	90A	2	M8	M4	0,7 kg	60x120x100 mm
DB90-3C-STK	70A	90A	3	M8	M4	1,1 kg	60x120x150 mm
DB120-2C-STK	100A	120A	2	M8	M4	0,7 kg	60x120x100 mm
DB120-3C-STK	100A	120A	3	M8	M4	1,2 kg	60x120x150 mm
DB160-2C-STK	130A	160A	2	M8	M4	1,1 kg	60x120x150 mm
DB160-3C-STK	130A	160A	3	M8	M4	1,5 kg	60x120x200 mm