



Battery Isolator WBI 180-IG

Recreational vehicles • Professional marine • Commercial trucks • Industrial systems



WBI 180-2 IG



WBI 180-3 IG

Low voltage drop battery isolator

Looking for a way to charge your multiple battery banks independently? Without the heat generation of conventional battery isolators. Looking for a robust solution without changing your charging system?

Find our best-in-class electronic battery isolator range. The WBI-series low voltage drop battery isolators have a negligible voltage drop and are therefore the ultimate solution for charging multiple battery banks with any type of alternator and/or battery charger. By using the WBI-series, it prevents the current from flowing from one battery set to another and allow to automatically direct the current of charge to the lowest charged battery. Another advantage is that due to the low voltage drop the WBI does not waste charging energy. This results in a very high efficiency.

Advantages:

- Increase the life of your batteries
- Fast and complete charging of multiple battery banks
- Connect up to 3 battery banks simultaneously
- Charge up to maximal 180 A
- Very high efficient

Features:

- No adjustments needed for the alternator or battery charger
- Compatible with any alternator and/or battery charger
- Ignition contact to be fully compatible with all alternators for external excitation or voltage sensing
- Low voltage drop over the battery isolator
- No voltage drop when batteries are fully charged
- Prevents the current flowing from one battery to another, keeps your starter battery always fully charged
- Easy to connect, they automatically fit to the 12 or 24 VDC input power supply voltage

Designed for use in both existing and new systems, without making additional adjustments to the alternator. As the voltage loss between the alternator and battery is negligible, the electronic low voltage loss battery isolator performs far better than conventional battery isolators. This result in fast and complete charging of your batteries.

While conventional battery isolator use diode splitters with low efficiency, the Whisperpower battery isolator uses electronic technology. This technology ensures that charging continues at the correct voltage level, even with several battery banks.

The WhisperPower Battery Isolator can be used in any application even if the standard alternator needs external excitation or voltage sensing. In this case the standard "Ignition switch" (IG) contact can be connected.



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Application Data 1



	180 A 2 OUTPUTS IG	180 A 3 OUTPUTS IG
Art. nr.	60115012	60115013
Specifications		
Number of inputs	1 (M8)	1 (M8)
Number of outputs	2 (M6)	3 (M6)
Rated current	180 A *	180 A *
Peak current	200 A *	200 A *
Nominal system voltage	12 or 24 VDC	12 or 24 VDC
Input voltage range	8 - 30 VDC	8 - 30 VDC
Voltage drop	0.0V @10 A / 0.1V @20 A	0.0V @10 A / 0.1V @20 A
Insulation to ground	> 500 VAC at 60 Hz	> 500 VAC at 60 Hz
Operating temperature	-40.. + 85 C	-40.. + 85 C
Conformity	EN 50081-1 (emission) EN 50082-1 (immunity) EN 60950-1 (safety)	
Dimensions (w x d x h)	146 x 85 x 97 mm	158 x 85 x 146 mm
Weight	810 gram	810 gram
Warranty	5 years	5 years

(*) for total maximum current divided over 2 or 3 output, depending on model.

Drawing | Dimensions

