

# WBI-series Whisper Power Battery Isolator

Recreational vehicles • Professional marine • Commercial trucks • Industrial systems



Datasheet

Your ultimate solution for charging multiple battery banks



## Low voltage drop battery isolator

### WBI 150-2 IG • WBI 150-3 IG

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 charge equipment whose charge voltage cannot be adjusted. Another advantage is that due to the low voltage drop the WBI does not waste charging energy. This results in a very high efficiency.

- 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 150A
- Very high efficient



smart energy solutions



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Parameter Art. Nr.	WBI 150-2 IG 60115002	WBI 150-3 IG 60115003
<b>Technical specifications</b>		
Number of outputs	2	3
Maximal current	150	150
Nominal system voltage	12 or 24 VDC	12 or 24 VDC
Input voltage range	8-30 VDC	8-30 VDC
Voltage drop	0.0V@10A / 0.1V@20A	0.0V@10A / 0.1V@20A
Insulation to ground	> 500V @ 60Hz	> 500V @ 60Hz
Operating temperature	-40.. + 85 C	-40.. + 85 C
Conformity	EN 50081-1 (emission) EN 50082-1 (immunity) EN 60950-1 (safety)	
Dimensions ( l x b x h )	146 x 85 x 92 mm	146 x 85 x 152 mm
Weight	810 gram	810 gram
Warranty	2 years	2 years

**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

The WhisperPower low voltage loss battery isolator is the best-in-class solution for charging multiple battery banks simultaneously and compatible with any type of alternator and/or battery charger. 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 Whisper Power 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.

