

# The generator that makes life easier.



## Whisper 3.5 MasterBus

- Simple installation and service
- Easy monitoring and operation
- Compact and efficient
- Sustainable and safe
- The system of the future
- MasterBus Powerboost:  
Up to 7 kW output







## Whisper 3.5M Easier for you

With the Whisper 3.5M, Mastervolt offers owners even more power to be independent. The quiet and compact generator effortlessly provides power everywhere and at all times. Ideal for charging batteries and additional luxuries such as extra cooking options or air-conditioning. The MasterBus technology increases comfort as – just like the entire Mastervolt power system – the Whisper 3.5M is exceptionally easy to operate.

### Powerboost with MasterBus ensures output over 3 kW

If more power is needed, the MasterBus system automatically gives a Powerboost by switching to the batteries via the Combi. This ensures that the Whisper 3.5M system can achieve an output up to 7 kW.

The most essential Whisper 3.5M elements are 'automatically' controlled via the MasterBus data network, resulting in enormous energy savings and an end to unnecessary power consumption.

- Perfect for sail and motoryachts or small commercial vessels.
- 3 kW output: Plenty for a microwave, hot plate, small aircon system or reverse osmosis watermaker.
- Extra power when combined with the Combi.
- Easy operation and monitoring via central MasterView panel.
- Power 'manages itself' with automatic switch functions.
- Optional monitoring and operation via a Windows PC or laptop.



**One touch start and stop:** One touch of the button to switch the Whisper 3.5M on or off – once setup correctly, this will be automatic.



**Central controls:** Monitor Whisper 3.5M and other system components such as Combi or batteries. Additional power sources are switched on automatically.



**Maximum control and security:** Oversee performance, supplied power and permanent monitoring.



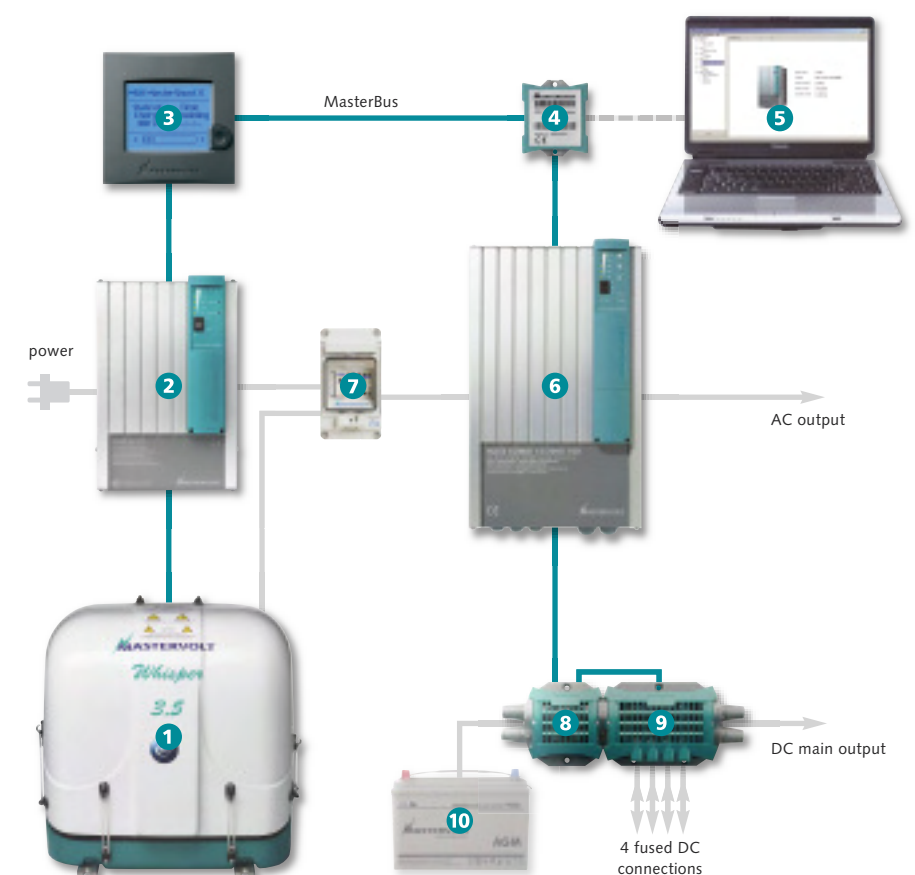
**Alarm! Blue turns red:** In worst case scenario, generator shuts itself down.

## Whisper 3.5M Easier for system engineers



Mastervolt's Whisper 3.5 MasterBus makes the design of an electrical system for yachts or sailboats even easier. This integrated system is entirely based on the new MasterBus standard and features a leading role for the new Whisper 3.5M. The benefits are clear. A minimum of wiring and easy installation in the location of your choice. Components with extensive functionalities. A single approach to operation and monitoring. And the knowledge that all components will be long lasting.

An example of a MasterBus system for smaller yachts and sailboats.



- 1 Whisper 3.5M generator.
- 2 Mass GI isolation transformer for a safe shore connection.
- 3 MasterView Easy panel.
- 4 USB adapter for connection to laptop or PC.
- 5 MasterAdjust software for Windows.
- 6 Mass Combi charger/inverter.
- 7 Masterswitch transfer system.
- 8 MasterShunt module: battery main fuse and monitoring system.
- 9 DC Distribution module: connection between battery and main DC components can be fully monitored.
- 10 Mastervolt also offers a wide range of AGM, gel and 2 V traction batteries.

The power to be independent!



It couldn't be easier to install the compact Whisper 3.5M in small spaces. Connections are within easy reach and the connection to other MasterBus components is simple. Each component has a standard input and output – the MasterBus data cable creates a circuit from component to component. The ends are closed by means of a terminator, similar to the traditional PC network.



Photo: Linssen Yachts, the Netherlands.



# Whisper 3.5M

## Easier for installers and service mechanics

Simplicity is key when installing and servicing a system with the Whisper 3.5M, which is compact, low weight and easy to move. All connection points are on the same side with smart connections and access points. The MasterBus integration makes the operation and monitoring wiring amazingly simple: Just plug in one green data cable. Information on operation and performance can be retrieved directly via an extensive log. The Whisper 3.5M also indicates when maintenance is required.

- Powerboost.**  
Ideal when combined with a Mass Combi for additional power.
- Easy to fit in with a MasterBus system.**  
Seamless cooperation with other components is guaranteed.
- Easy to install 'plug & play'.**  
Compact dimensions and limited weight ensure easy installation in small spaces such as below floors or in a deck locker. All connections are on the outside and easily accessible.
- Lightweight and pure voltage.**  
The engine is exceptionally small and light. The one-coil and dual-pole generator generates 1 Hz per revolution, a complete sine wave for AC current. The high 3000 rpm provides 50 Hz/sec – pure voltage for safe operation.
- Clean and efficient diesel technology.**  
A modern and sustainable oil-cooled one-cylinder diesel engine with low CO2 emissions meets strict environmental regulations. Indirect cooling via a heat exchanger optimises efficiency. MasterBus controls ensure an optimal, energy saving operation.
- Designed to whisper.**  
Sound insulated housing and a water-cooling system muffles the completely enclosed generator. Shock mounts and balanced crankshaft as standard to minimise vibration.
- Easy and efficient maintenance.**  
All essential service elements are located on one side. The 3-part composite cover is easily removed for access.



**MasterBus Interfaces: All components working together**  
Mastervolt regularly introduces new and completely MasterBus-compatible components for every power system. An increasing number of products can be fitted via the especially designed interfaces.



**MasterAdjust: Control via PC or laptop**  
Connected via USB adapter and 'plug & play' data cable. Automatic Windows recognition on PC or laptop (XP and up). MasterAdjust software operates and modifies the generator. Control or adjustment of all MasterBus components via PC or laptop.



**Mass GI isolation transformer:**  
**Safely from shore network to on-board AC**  
For maximum safety and to protect your yacht, especially if made of aluminium or steel. The Soft Start function prevents an inrush current.



- MasterView panels: Central monitoring and operation**
- Via one panel – with a master start/stop switch – you can monitor the Whisper 3.5 and all connected MasterBus components.
    - Numerous options: Adjust, regulate, historical data, required service, alarm functions, choice of languages.
  - Easy to install in the most convenient location: Just plug in the data cable. The feed is provided via the network cable.
  - Easy to expand with multiple MasterView panels as repeater.



**Mass Combi: Optimal battery charging and AC boosting**  
One cable click via the MasterBus interface ensures that the Mass Combi charger/inverter works seamlessly with the generator in a power system. When necessary, the generator supplies power for the 3-step charging process, and when lots of power is required, the batteries provide an additional Powerboost via the Combi for the generator. In this way a system with a 3 kW Whisper can supply up to 7 kW.



**MasterShunt: Battery monitor and the brains of the system**  
The MasterShunt contains the brains of a MasterBus system in which batteries are a central element. The microprocessor calculates all relevant MasterView panel values and passes on data to the system panel. This ensures that the Whisper 3.5M supplies what is needed. The MasterShunt also contains a main DC fuse for safe installation.



**Whisper 3.5M: Power plant with optimal digital monitoring**  
The Whisper 3.5M is designed for digital diesel monitoring for safe operation and remote adjustment, operation and monitoring. The MasterBus data network continuously supplies essential information, from all connected components. This ensures tailor-made generator power whenever it is needed.



# MasterBus: The 'green connection' in Mastervolt's system designs

MasterBus is the foundation for a high-speed data network that allows everything to be interlinked within an electrical system. Only one standard cable is needed for component-to-component data traffic – the 'green connection' of our designs. As every component is fully compatible with the others in a complete MasterBus system, the Whisper 3.5M works perfectly with all other MasterBus-compatible equipment.

The benefits compared to traditional systems are clear:

- No tricks with adaptors or extra electronics.
- No criss-crossing of circuits.
- One size fits all: One cable, one information standard.
- More compact components and more functionality.
- Perfect system integration.
- Better tuning, less power consumption.
- Easy to expand.

## The Power of Mastervolt: Comprehensive expertise

With MasterBus, Mastervolt offers advanced CANbus technology that is way ahead of all existing platforms in terms of speed, reliability, flexibility and expandability. As an 'A brand' in independent power supply, we have achieved this by deploying our in-house expertise at every level. From smart electronics to intelligent mechanics and applied ICT, Mastervolt has the answers.

More information: [www.mastervolt.com](http://www.mastervolt.com)



**Mastervolt Guarantee Plan** • 2-year product warranty • 5-year warranty program optional  
• worldwide on-board service • pure sine wave power

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**MASTERVOLT**

THE POWER TO BE INDEPENDENT