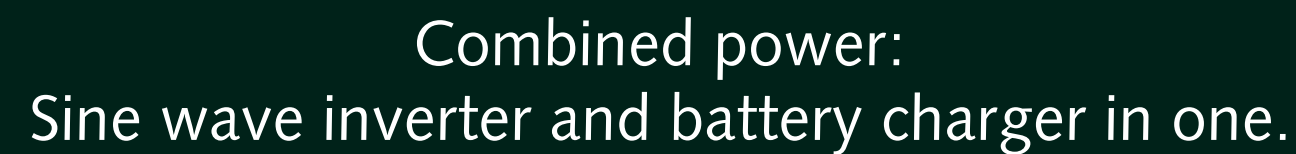
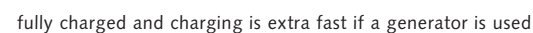


Do you like preparing food on the road while keeping on the airco? If so, simultaneous use of a generator and batteries for 230V systems can be a solution. The Mass Combi will maintain a constant power supply and suitably distribute the electricity.



THE POWER TO BE INDEPENDENT



The Mastervolt Mass Combi is the ideal choice in a properly designed electric system. It also ensures you the very best value for money. A professional sine wave inverter and advanced battery charger in one compact device, the Mass Combi employs high-frequency technology for the most vital functions. Batteries are always charged to 100% and last longer, and the 230 V power supply is perfectly reliable. And if there is a grid connection nearby, you can just plug in. Things always work out well with the Mass Combi.

- A combination of functions**
- Automatic 3-step[®] battery charging.
 - Conversion of 12 or 24 V battery power into pure 230 V/50 Hz AC mains.
 - Power Support mode for extra power in case of limited grid power availability.
 - Inverter output can be paralleled to double the power rating (2 kW models).
 - Plural distribution and transfer system for automatic system management.
 - Extended DC system monitoring.
 - Three basic models of 1.2, 2 and 4 kVA available, for 12 or 24 V DC batteries.



Plugging into the grid

When a grid connection is available, you can easily switch it over to charge batteries, switch it over to power your system and recharge batteries.

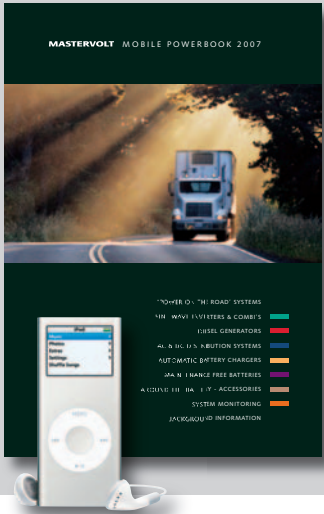


Info system for power management (AC)
The optional APC allows power system to be adjusted to available grid voltage. Five different levels are available, ranging from 4 to 25 amps.

Lightweight, compact and easy to install
Our most lightweight model only weighs 7.8 kg. The casing is made from aluminium combined with synthetic materials. Connection points are within easy reach, and external mounting grooves allow speedy installation.

Order the complete Mastervolt Mobile Powerbook 2007

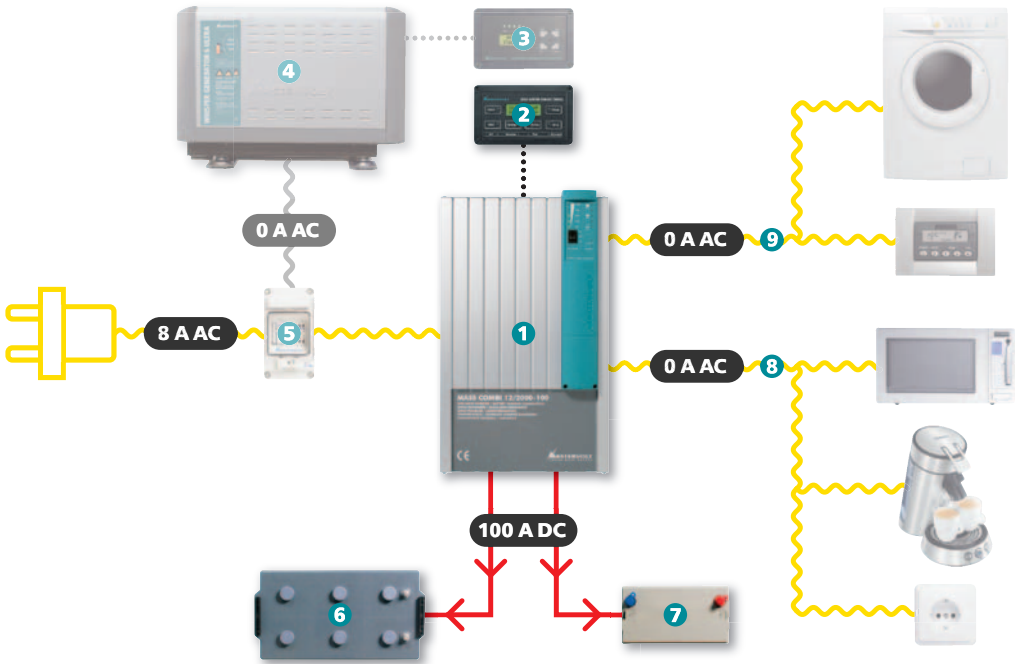
The brand-new Mastervolt Mobile Powerbook 2007 will be published soon. This fully updated and comprehensive product catalogue offers you a wealth of information on all Mastervolt products. Also included are full specifications, the latest introductions and a wide variety of suggestions for your system. As a visitor to The Commercial Vehicle Show, you can order the Mobile Powerbook 2007 free of charge by filling in the coupon and be in the running for **winning one of the 10 iPods!**



The Mass Combi: the four most attentive applications

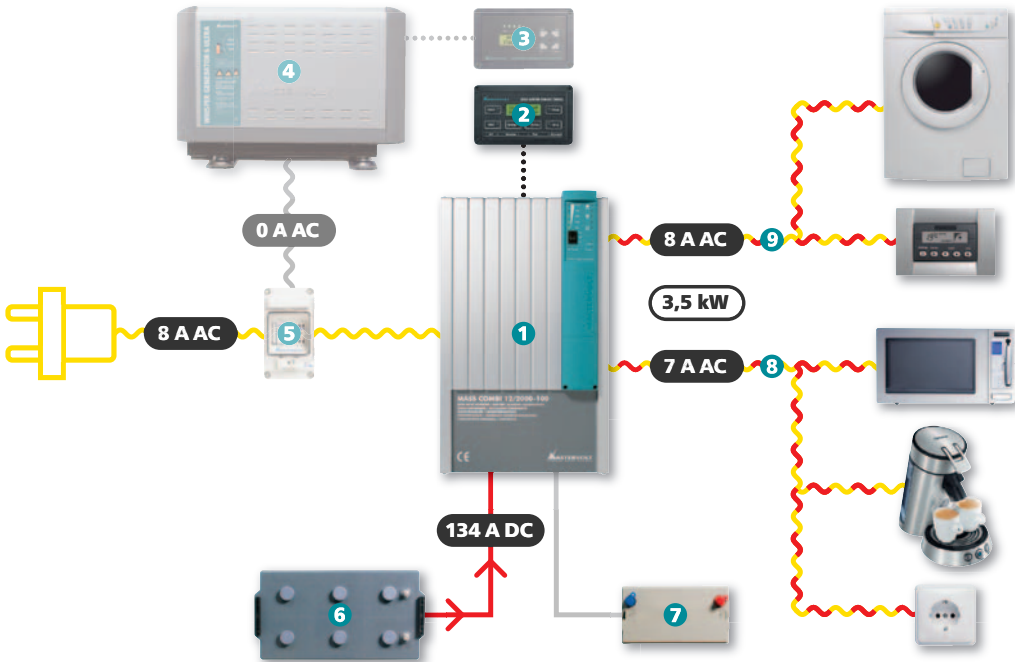
1. Connected to grid power - unlimited power.

The batteries are being charged
The electrical system is connected to the grid. The fuse is 8 amps. All appliances using alternating current (AC) have been switched off. The Mass Combi charges two connected gel and/or AGM batteries. A 100 amps charge current is available.



2. Connected to grid power- limited power.

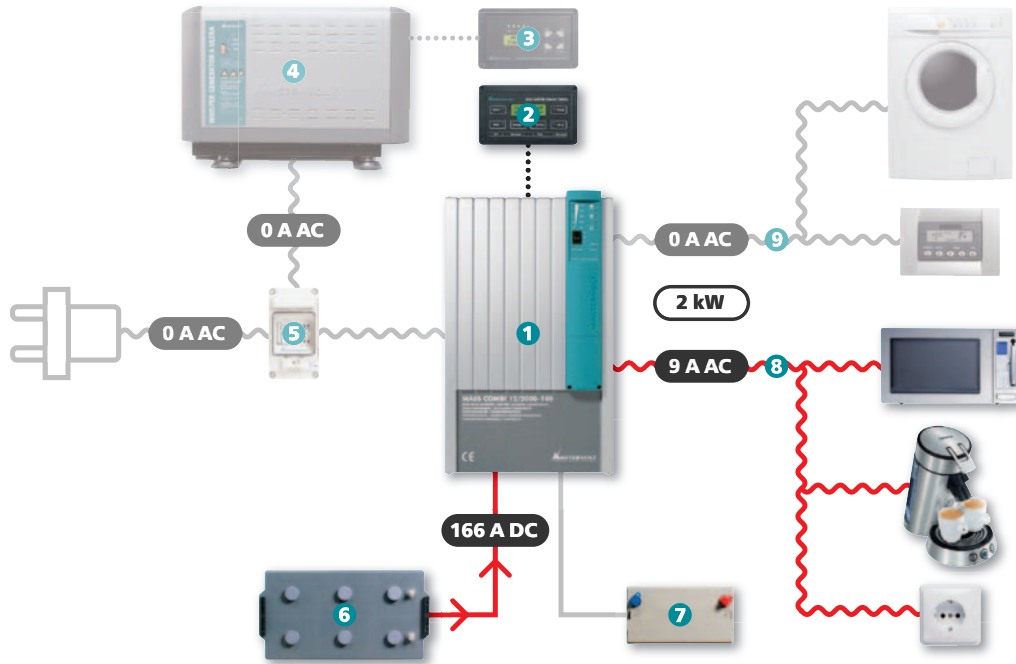
Higher consumption than available from the grid
Same fuse as above diagram: 230 V/8 A. Several 230 V appliances are switched on, consuming 3.5 kW. A total of 16 amps is required. The additional 230 V (8 A) is supplied via the service battery and the Mass Combi. Automatic switching off prevents excessive discharge of the batteries. You can program the setting via Power Sharing in the Mass Combi, or remotely using the APC panel or Masterlink/MICC panel.



- 1 Mass Combi inverter/charger combination.
- 2 Masterlink/MICC, control panel on/off monitoring.
- 3 DDC panel, remote and control panel for the Whisper generator.
- 4 Whisper generator.

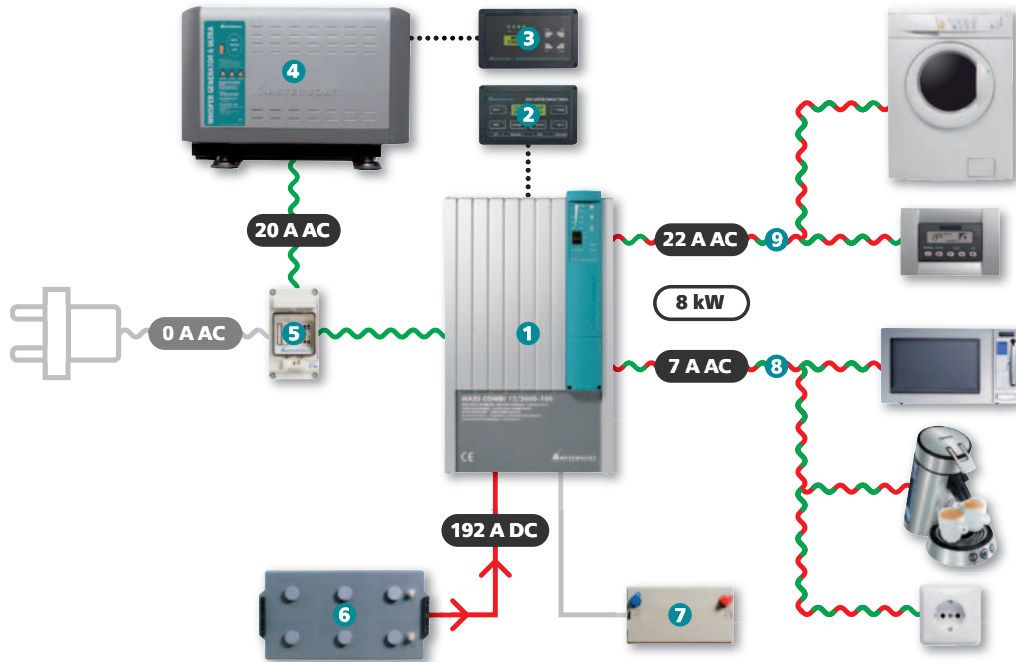
3. Not connected to grid power - no generator.

Battery power
When not connected to shore power, the Mass Combi automatically switches interruption free to inverter mode. The batteries supply power for several 230 V appliances as well as various DC consumers. Connected power: 2 kW. The Masterlink/MICC monitoring renders the precise state of the battery, including battery consumption per minute/hour, 'time to go' before charging and battery level in %. Charge batteries en route using the main engine's alternator or the Mass Combi if there is no other generator available.



4. Not connected to grid power - with generator.

Generator and battery power
In this case the Whisper generator is the source of power and makes the system entirely independent. The generator can both charge the batteries and provide power to the connected consumers. The Mass Combi regulates supply and demand and automatically starts the Whisper generator when necessary. In case of a large power demand - such as in the 6.9 kW diagram - the Mass Combi provides a parallel power supply by supplying an additional 230 V from the service battery. This is how this configuration is able to supply 6.9 kW with a Whisper 6 generator!



- 5 Masterswitch 0 transfer system.
- 6 Service battery, gel.
- 7 Starter battery, AGM.
- 8 Inverter output.
- 9 High Power output.