

Fischer Panda UK supports with greener and more sustainable refrigeration solutions

Newly redesigned fridge van from Hubbard Ltd. has been turned into a fully electricity powered vehicle in collaboration with Paneltex and Acrobat Rental.

Hubbard Products Ltd. is one of the UK's leading providers of static and transport refrigeration equipment. They support customers with the whole cooling solution: from design, engineering manufacturing and supply of units tailored to the specific requirements.

Fischer Panda UK jointly collaborated on a battery-based hybrid power system powering a refrigerator compressor, together with Hubbard Products, Paneltex, Acrobat Rental.

Traditional refrigeration vans' power is engine driven and the challenge before us was to create a concept to demonstrate the feasibility of a battery-source power solution, utilising the Lithium-Ion Phosphate technology.

The vehicle at hand was an ICE Van with a mini system-based version with one battery and auxiliary alternator providing additional charge. The idea was to redesign that system and create a full electrical vehicle solution and Mastervolt's system was the ideal fit to achieve that.



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**POWER
SOLUTIONS**

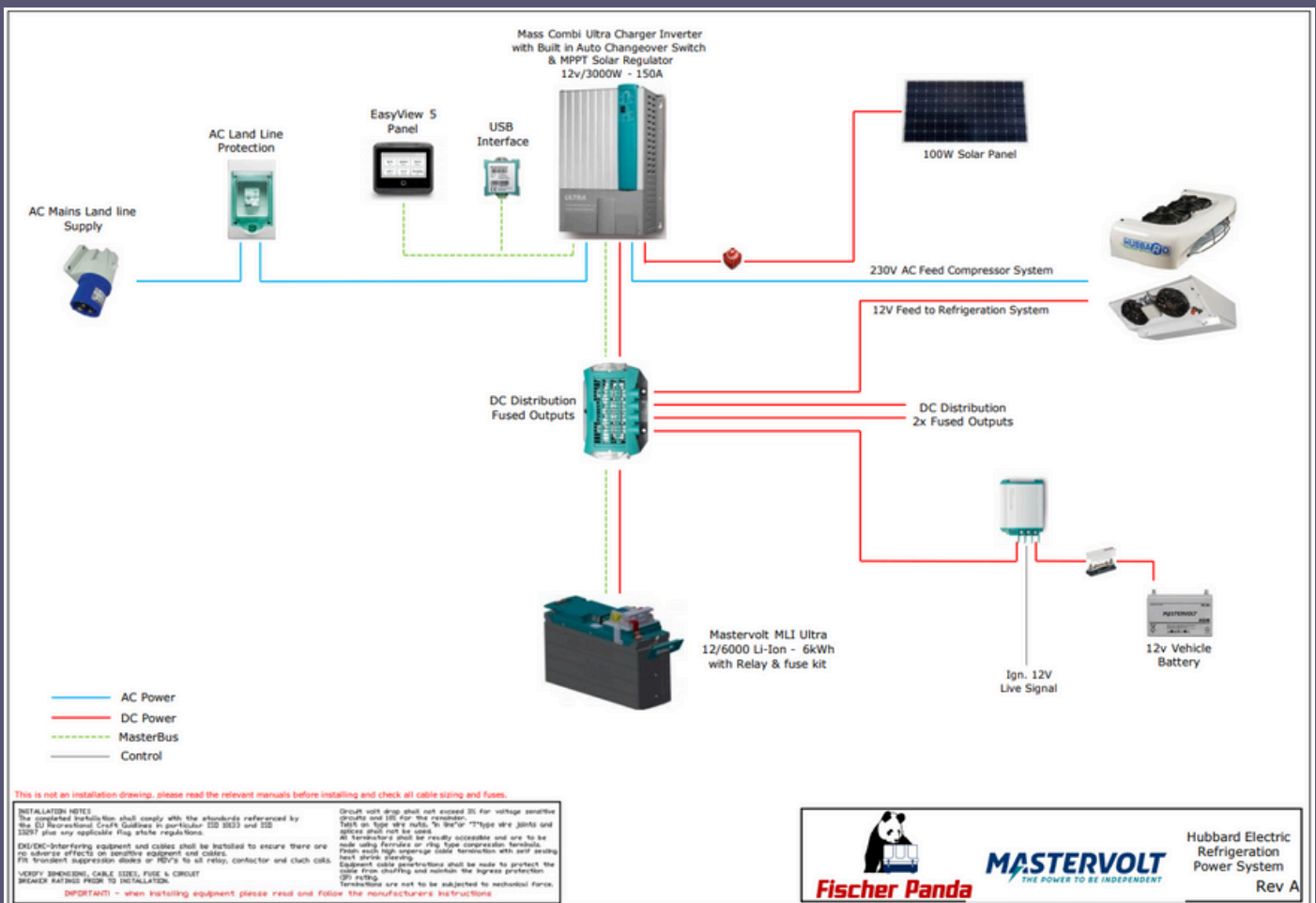
Providing complete system solutions for the marine, vehicle and defence sectors.

Fischer Panda generators and e-propulsion; Parker watermakers; Autoclima and Dometic air-conditioning; Mastervolt power electronics; CZone digital switching; Autoclima vehicle air-conditioning; Autoterm diesel heaters; Clayton power.

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System components

- Mastervolt Mass Combi Ultra 12/3000-150
- Mastervolt MLI Ultra Li-Ion 12/6000 battery
- Mastervolt Mac Plus 12/12-50
- Mastervolt Battery management system
- 100w Solar panel array



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