

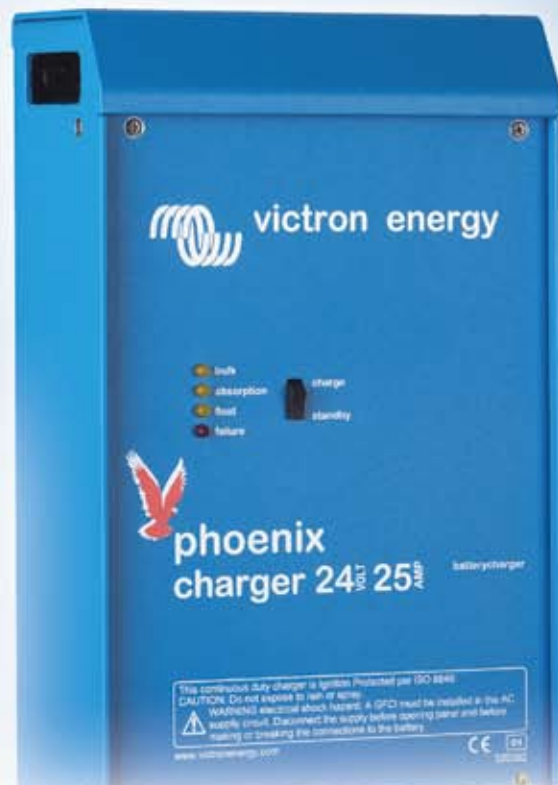


Fischer Panda

The No.1 in Europe for Mobile, Super Silent Diesel Generators

Fischer Panda Energy Systems

- [Inverters](#)
- [Battery Chargers](#)
- [Combi-Units](#)
- [Generators](#)
- [Energy Systems](#)



powered by  victron energy
BLUE POWER



Trucks



Mobile Homes



Yachts

Coaches

Independent Power Supply

The same comfort as you would expect at home

Victron Energy inverters transform the battery's voltage into the equivalent that you would expect from your electrical socket at home (230/110 V).

This enables the operation of many household devices such as televisions, computers, shaving units, coffee machines and ovens etc. Unlike a 12 volt battery, which can only supply smaller electrical consumers such as navigational instruments or cabin lighting, an efficient and permanent on-board supply is now available.

Computers



Lights



Televisions



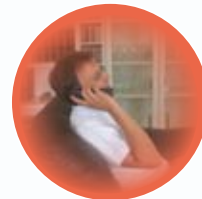
Ovens



CD / DVD Players



Fridges



Communications



Coffee Machines



Phoenix Battery Charger

Phoenix Battery Charger

New energy for your on-board batteries

Phoenix battery charging units adapt to the type of battery being used. The charging process is automatically optimized to suit the battery's characteristics.

- All types of batteries can be charged
- 4-stage charging
- Charging voltage finely controlled
- Microprocessor controlled adaptive battery management system. Even analogue devices are available
- Universal input 90-265V, 50/60Hz, depending on type



Power Boats

However you travel, with Fischer Panda and Victron Energy you will always have enough power wherever you are.

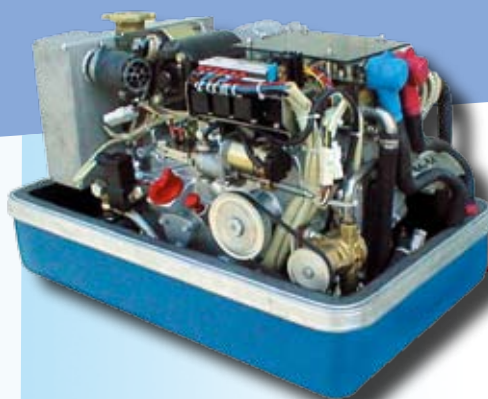
System solutions for highly demanding applications

Pure luxury – In conjunction with a Fischer Panda generator, many demanding electrical consumers such as air-conditioners, fridges, consumer electronics and laptops can be powered, even simultaneously.

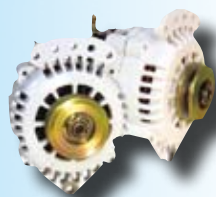
The newly developed VE-Net from Victron makes it possible to network the on-board power system. All system information and alarms can be displayed and called-up via remote.

Fischer Panda DC Generator

The Phoenix MultiPlus supplies the required power from the battery-bank. The generator either charges the batteries or supports the inverter. In the event that the shore power cannot supply the desired performance rating, the Phoenix MultiPlus can be configured to supply the additional energy required.



Panda DC Generator (AGT) or Alternator



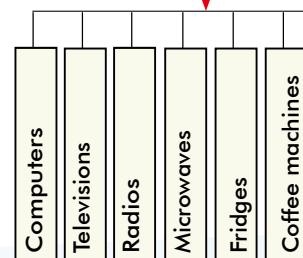
12 V / 24 V / 48 V DC

Phoenix MultiPlus



Shore Power
230 V / 110 V AC

System A



Phoenix MultiPlus

Phoenix MultiPlus

Inverter and battery charger as universal and efficient unit.

If peak loads are required for manageable periods of time, the Phoenix MultiPlus provides an instantaneous and uninterrupted power supply from the batteries.

- Combined functionality from inverter and battery charger
- Power-Assist Function to support shore power
- Continuous performance up to 2.5 kW (12.5 kW with up to 5 units connected in parallel)
- Can be used to start a generator
- Remote control with shore power limitation also available
- Wide range of performance- und voltage ranges can be set up using parallel and 3-phase operation capabilities

- Continuous Power
- 110 / 230 / 400 Volt on board
- Independent from shore power
- Automatic switching between power sources
- High degree of efficiency
- Worldwide Service



Alternator

Shore Power 
230 V / 110 V AC

Panda AC Generator

System B

Fischer Panda AC Generator with Phoenix MultiPlus

The Fischer Panda generator supplies 230 V or 110 V AC voltage and takes over as the main on-board power supplier. If, at short notice, the peak load level is exceeded, the Power-Assist-Function will be automatically activated in order to cover the additional load from the on-board batteries. This ensures that an uninterrupted power supply is available. Even highly demanding applications are catered for.

Fischer Panda generators are available in many different versions and performance classes. They can deliver a power supply which exactly suits your needs and personal requirements.

- High Performance
- Reliable
- Compact
- Effective
- Light



Communications
Lights

Phoenix Inverter

230 V from the battery

Pure sine wave output, high peak power and highly efficient. Suitable for professional applications.

- Pure sine outputs – no interrupted time
- Highly efficiency - converts 12, 24 or 48 V battery voltages with practically no loss
- Especially light and compact
- High peak loads, ideal for devices that require higher starting currents such as fridges, air conditioners and electric motors.
- Remote control available
- Performance from 800 up to 2500 W
- Wide range of performance- and voltages ranges can be set up using parallel and 3-phase operation capabilities
- Overload protection



Phoenix Inverter

Product Range



Phoenix MultiPlus Inverter plus charger

Input : 12 or 24 Volt DC
 Output : 230 Volt 50 Hz or
 110 V 60 Hz
 Charge rate : 60 up to 120 A
 Performance : 800 up to 2500 W
 Parallel- / 3-Phase switching

Available as compact unit



Phoenix Battery Charger 4-Stage Microprocessor Controlled Charging

Input : 90 - 265 V AC / 45 - 65 Hz
 Output : 12 or 24 V DC (two full rated outputs with a 4A output)
 Charge rate : 16 up to 50 A

Phoenix Inverter Transformers



Input : 12 or 24 Volt DC
 Output : 230 Volt 50 Hz
 Performance : 800 up to 2500 W
 Parallel-ww / 3-Phase switching

Available as compact unit



Skylla Battery charger 3-Stage Microprocessor Controlled Charging

Input : 230 V AC 50 Hz or
 400 V AC / 45-65 Hz
 Output : 24 V DC (one full rated output and another with 4A)
 Charge rate : 30 up to 100 A



Isolation Transformers 1800 / 3600 / 7000 VA for 400 V / 230 V



Centaur 3-Stage Charger An inexpensive alternative for 3-Stage analogue controlled charging

Input : 90 - 265 V AC / 45-65 Hz
 Output : 12 or 24 V DC (three isolated charge outputs)
 Charging rate : 16 up to 100 A



Orion DC / DC Converters 12 / 24 / 48 / 96 Volt

Can also be used as charging converter



Blue Power Charger Charging Units – waterproof

Input : 230 V AC / 45-65 Hz
 Output : 12 or 24 V DC
 Charging rate : 30 up to 100 A



Alternator with charge regulator

Charge rate : 70 - 210 A
 Weight : 5,5 - 8 kg
 Output voltage : 12 / 24 Volt DC



Batteries

Deep Cycle AGM : 12 Volt, 80 - 200 Ah
 Deep Cycle GEL : 12 Volt, 80 - 200 Ah
 Long Life GEL : 2 Volt, 800 - 3000 Ah



Battery Monitor

User friendly and easy to use, battery monitoring with alarm function.

BMV - 501
 9 - 35 V DC



PowerMan Transfer Switches

Switching from one or more alternating current sources to multiple parallel switched Victron Multis.



VE.NET

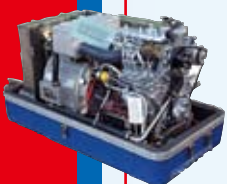
Ultimate power management and control
 To enjoy the benefits of having power anywhere and any time you need a sophisticated system. Victron Energy's VE.Net gives you clear and simple information and control of your systems.

Fischer Panda - Generators for the future



Marine Generators - PMS

The world famous Panda Generators with seawater cooled heat exchanger, dual-circuit cooling and wet exhaust.



Vehicle Generators - PVMV-N

With integrated water-cooled primary- and secondary silencer. Suitable for stationary operation. The PVMV-N generator is a compact, standard solution for use in vehicle applications.



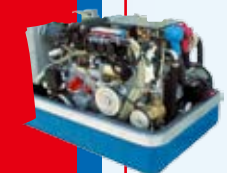
Vehicle Underfloor Generators PVK-U

Generators housed in sound-insulated stainless steel capsules which are suitable for mounting externally beneath vehicles.



Vehicle Underfloor Generators PVK-UK

Extremely compact and quiet generating set for vehicles featuring an integrated radiator. Suitable for mounting externally beneath vehicle.



AGT DC Battery Charging Generators

Diesel battery-charging generators with 12, 24 or 48 V. The "AGT" technology is available from 2.5 to approx. 50 kW. Very efficient, compact and only available from Fischer Panda.



AGT-HD DC Generator

High-tech special units. Low weight and small in size. Also suited for diesel-electric drive systems. AGT-DC Generator with enhanced cooling system.



AGT-DE Drive Generator

This generator is specially designed for diesel-electric drive systems. High efficiency and economical operation are particular characteristics of this generator.



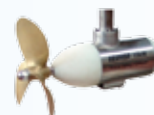
High-Performance Alternators

Compact "High Output" alternators up to 4 kW, charging rate up to 260 A at 12 V DC. Available in 12 volt or 24 volt DC.



Whisperprop-System with Diesel-Electric Drive

Complete drive system comprising generator and electro motor with control. The AGT-DE Generator and permanent magnet motor are extremely efficient and compact. When combined with a Victron Power System it can completely replace the existing on-board power system.



Aziprop



Shaft



Saildrive



Whisperprop Bow thrusters

Complete bow thrusters with AC electric motors for performance ranges from 15 kW to 100 kW. A Panda AGT generator with 3-phase is required for power supply.



VICTRON Inverters and Combi-units up to 12,5 kW

Fischer Panda in cooperation with Victron Energy. Victron inverters are available for 12, 24 and 48 V DC. They can supply up to 12.5 kW parallel or be switched to a 3-phase system. Combi-units including high performance battery chargers are also available.



VICTRON Battery Chargers

Professional charging units in 12, 24 and 48 V DC with up to 600A. Also available as combi-units (with inverter installed within same housing).



Battery Monitors

Easy to use and convenient battery monitoring. The charge level is displayed and prevents batteries from being unexpectedly discharged. This device can automatically start and stop the generator.



Radiators and Installation Parts

All vehicle and stationary generators are cooled either via an integrated or external DC /AC radiator. Solutions for specific customer requirements are possible. Installation parts for vehicle and marine generators are part of the standard product range.



Fischer Panda

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