Fischer Panda “EasyBox”
Parallel drive systems

“EasyBox” systems available as 48 V (10 kW / 20 kW) and as 360 V “EasyBox HV” systems with 50 kW

12 Good reasons

Enjoyment
1. Silent Drive
2. On-board electric power in abundance
3. Unique manoeuvrability

Future
4. Tomorrow’s technology available now
5. New design possibilities
6. Professional 24 h support

Ecologically friendly
7. Extremely low running costs
8. Up to 100 % emission-free
9. Efficient motor (efficiency up to 96%)

Intelligent
10. Complete - one system from one source
11. Full automation possible
12. Optimal weight distribution

Advantages in detail

• Possible to cruise on waters where use of combustion engines is banned
• Available as shaft or podded motor
• Both Serial- and Parallel- Hybrid Systems can be delivered
• Practically silent when operating using battery bank – even more comfort
• Also available as complete hybrid system with quiet Fischer Panda Generator
• Battery-supported electric motor available at all times - even without having to start the main engine

up to 160 Nm
600 rpm!
• Max torque immediately available (from “1” rpm); extremely good manoeuvring - especially in harbours
• A 10 kW electric motor is the equivalent of a 15 kW (20 PS) diesel engine.
• The Fischer Panda Hybrid Drive System is very robust and also suited for commercial operation.

• Doubling the drive performance is easy to achieve on board catamarans (cable replaces shaft)
• One battery bank / one generator is sufficient for two drive motors.
• Also as Hybrid System - more economic as a drive with diesel engine (approximately. 25 % savings - return on investment within a few years).

• Weight distribution can be optimized
• A real hybrid system (diesel generator + electric motor) with double use, as 230 V power is always available via a battery bank with inverter
• From the main 48V battery bank using an optional converter => 230 V AC or 12 V DC or 24 V DC

• Easy to combine with solar or wind energy
• Water-cooled: stability / long life + higher level of efficiency
• Easybox can be easily connected to Victron products

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**Boat types / applications**

- Sports boats / sailing / motor yachts (displacement)
- Mono hulls / multihulls
- House boats

- Coast guard and rescue boats
- Working platforms / pontoons
- Commercial vessels (taxis, ferries, pleasure boats, floating islands and restaurants)