

Whisperprop 48V Parallel-Hybrid

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

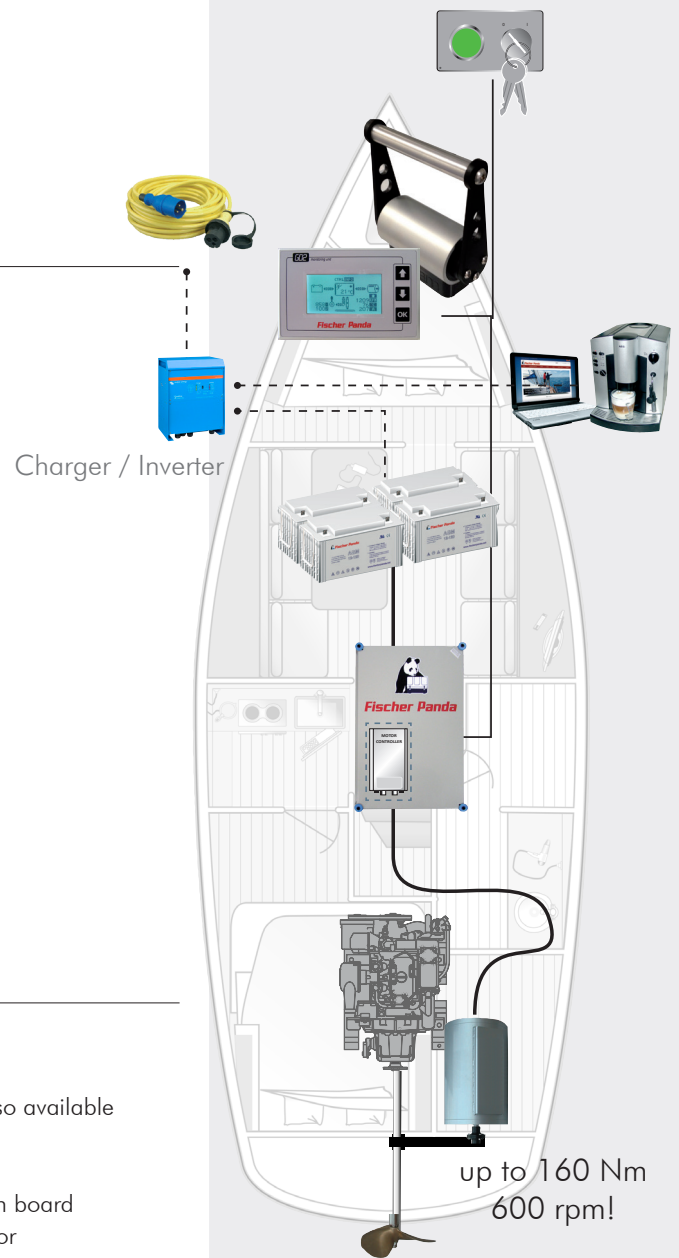
7. Extremely low running costs
8. Up to 100 % emission-free
9. Efficient motor (efficiency up to 96%)

Intelligent

10. Complete - one system from one source
11. Full automation possible
12. Control by Smartphone/Tablet

Advantages in detail

- Possible to cruise on waters where use of combustion engines is banned
- Available as *shaft* or *podded* motor ("Aziprop"); rotatable Aziprop motor also available
- Both **Serial-** and **Parallel-** Hybrid Systems can be delivered
- Practically silent when operating using battery bank – even more comfort on board
- 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



- 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
- 12V / 24 V DC supply is possible using a converter from the main battery bank
- Easy to combined with solar or wind energy
- 10 kW on the shaft
- approx. 3 kW / 24 V on-board power
- Water-cooled: stability / long life + higher level of efficiency

Boat Types / Applications

- Sports boats / Sailing / Motor Yachts (displacement)
- Mono hulls / Multi- hulls
- House Boats
- Coast guard and rescue boats
- Working Platforms / Pontoons
- Commercial Vessels
(taxis, ferries, pleasure boats, floating islands and restaurants)



Fischer Panda GmbH
 Otto-Hahn-Str. 40,
 D-33104 Paderborn
 Germany

Tel. : +49 (0)5254 9202-0
 Fax : +49 (0)5254 9202-550
 Hotline: +49 (0)5254 9202-767
 Email : info@fischerpanda.de
 Web : www.fischerpanda.de

