



# FISCHER PANDA AGT-DC 8000-48V PMS Marine Generators DC Variable Speed 6.4 kW

## Product description:

FISCHER PANDA AGT-DC8000 48V SUPER-SILENCED MARINE GENERATOR 6.4 KW

Fischer Panda AGT-DC8000 48V single-phase 6.4 KW marine generator with variable speed motor from 2200 rpm to 2600 rpm. The Fischer Panda AGT-DC8000 48V marine generator is designed with a soundproof cabin that makes it supersilenced. The Fischer Panda AGT-DC8000 24V marine generator is built with a diesel-powered Kubota engine. The alternator of the Fischer Panda AGT-DC8000 48V marine generator is 2-pole and H-insulation class. With its compact size and low weight, the Fischer Panda AGT-DC8000 48V marine generator is also suitable for installation on small boats.

Hybrid AC power - indirect AC

Battery charging generators produce direct current and generally operate as part of a hybrid power system. Battery levels are monitored and charged automatically by the generator. An inverter supplies power to 230 V consumers on board. These systems are ideal for typically variable power demands that do not require a generator to run constantly throughout the day.

Ideal for systems where the generator runs for short intervals to charge the power bank and support periods of peak power.

In this version, the charging voltage is controlled by an integrated AGT controller that regulates the motor revolutions.

The motor revolutions can therefore be varied to achieve the required performance. However, when installing this version, the batteries must be positioned close to the generator.





---

## TECHNICAL CHARACTERISTICS Fischer Panda AGT-DC8000

Type of phase: Single-phase

Maximum single-phase power: 8 KW

Single-phase continuous power: 6.4 KW

Frequency: 50 Hz

Voltage: 48 V

Inverter

Engine speed: 2200-2600 rpm

Displacement: 719

Cooling: Water

Acoustic pressure: 53 dB(A) at 7 m

Length: 660 mm

Width: 515 mm

Height: 594 mm

Dry weight: 160 kg

Included in the version

4 vibration dampers BRB 70 A40

Fischer Panda muffler d. 40 mm

Fischer Panda anti-siphon with air valve

Diesel filter with water separator WS180

Smoke separator FP diameter 40-25-40 mm



- Designed for DC-AC power systems with battery plus inverter
- The generator is only required to operate intermittently
- Optimal utilisation of the generator
- High degree of efficiency
- Compact design
- Reduced fuel consumption

**Product features:**

Phase: Single phase

Maximum power single phase (KW): 8

Continuous power single phase (KW): 6.4

Maximum power single phase (KVA): 8

Continuous power single phase (KVA): 6.4

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 48

Engine: Kubota D722

Engine rpm (rpm): 2200 - 2600

Speed governor: Electronic

Engine capacity (cm<sup>3</sup>): 719

Number cylinders: 3

Oil capacity (L): 3.8

Cooling: Water

Poles: 2

Bore x stroke (mm): 67 x 68

Motor insulation class: H

Length (mm): 660

Width (mm): 515

Height (mm): 594

Dry weight (Kg): 160

Silenced: Yes

Super silenced: Yes

Product type: Generator

Voltage regulator: Inverter

Engine manufacturer: Kubota

