



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

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FISCHER PANDA AGT-DC8000-48V PMS MARINE GENERATORS DC VARIABLE SPEED 6.4 kW

The FISCHER PANDA AGT-DC8000-48V PMS Marine Generator is the ideal solution for those who need a compact, ultra-silent, and high-performance diesel generator, designed for modern boats with 48V DC/AC systems. With a continuous power output of 6.4 kW and a peak output of 8 kW in single-phase, this FISCHER PANDA generator offers reliable power with optimized fuel consumption and variable speed operation (2200–2600 rpm).

Thanks to its GFK 3D soundproof capsule, the FISCHER PANDA AGT-DC8000 ensures low noise levels down to 53 dB(A) at 7 meters—ideal for maximum onboard comfort even while sailing. It is equipped with a water-cooled Kubota D722 3-cylinder engine, designed for durability, efficiency, and compliance with IMO MARPOL, EU 2016/1628, US EPA, and Chinese emission standards.

Perfect for hybrid DC systems

The FISCHER PANDA AGT-DC8000 Marine Generator is engineered to power hybrid systems where energy is stored in 48V battery banks and then converted to AC via inverter. Ideal for intermittent use, the generator activates only when needed to recharge the batteries or support load peaks—minimizing fuel consumption and wear.

An integrated AGT controller automatically regulates engine speed based on load demand, improving overall efficiency and reducing emissions. For best performance, it is recommended to install the battery bank near the generator.

Technical specifications – FISCHER PANDA AGT-DC8000-48V PMS:

Phase type: Single-phase

Continuous power: 6.4 kW

Maximum power: 8 kW

Frequency: 50 Hz

Voltage: 48 V DC

Engine: Kubota D722, 3 cylinders

Displacement: 719 cm³

Engine speed: 2200 – 2600 rpm

Cooling system: Water-cooled

Alternator insulation: Class H, 2 poles

Soundproof capsule: GFK 3D

Sound level: 53 dB(A) at 7 m

Dimensions (L x W x H): 660 x 515 x 594 mm

Dry weight: 160 Kg

The FISCHER PANDA AGT-DC8000-48V PMS Marine Generator is the perfect choice for those looking for performance, efficiency, and low noise in a compact design—specifically built to meet the demands of modern marine systems. It offers outstanding reliability, reduced fuel consumption, and full compatibility with 48V onboard installations.

If you are looking for a marine generator like the FISCHER PANDA AGT-DC8000-48V PMS, you can browse the full catalog of [marine generators](#).

Images and technical data are not binding. Please always consult the technical data sheet issued by the manufacturer. Manel Service accepts no liability for any changes made by the manufacturer.

Technical Sheet

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 ³)	719
Number cylinders	3
Oil capacity (L)	3.8
Cooling	Water

Poles	2
Bore x stroke (mm)	67 x 68
Motor insulation class	H
Acoustic pressure	53 dB(A) at 7 m
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