



# FISCHER PANDA 45i 400V Inverter Three-Phase Sea Generating Set 36 kW

**Product price:**

**49.127,00 € tax excluded**

## **Product description:**

FISCHER PANDA MARINE GENERATOR 45i THREE-PHASE SUPER-SILENT 45KVA

The Fischer Panda 45i three-phase 45KVA marine generator is designed to be compact, quiet, and powerful, offering up to 30% savings in weight and space! The Fischer Panda 45i three-phase marine generator is ideal for yacht owners who require low noise and vibration levels.

The Fischer Panda 45i three-phase marine generator stands out for its modern, innovative, and environmentally friendly **inverter** technology.

The speed of the diesel engine is adjusted based on the user's power demands, while the inverter output voltage remains constant. The variable speed control significantly reduces exhaust emissions and fuel consumption compared to a traditional fixed-speed generator. The maximum engine speed of the Fischer Panda 45i three-phase marine generator is 2800 RPM. The electrical load is delivered with a constant output voltage of 230 V / 50 Hz or 120 V / 60 Hz via an inverter.

## **FISCHER PANDA Technical Specifications:**

Phase type: Three-phase

Maximum Three-phase Power: 0-36 KW

Continuous Three-phase Power: 0-32.4 KW

Maximum Three-phase Power: 0-45 KVA

Continuous Three-phase Power: 0-40.5 KVA

Frequency: 50 Hz

Voltage: 400 V

Engine speed: 1500–2700 RPM

Displacement: 2434

Cooling: Water

Soundproofing: MPL 4DS (4-layer steel)

Sound pressure: 54 dB(A) at 7 m

Inverter





Length: 1130 mm

Width: 660 mm

Height: 810 mm

Dry weight: 545 Kg

- Compact dimensions and reduced weight – compact installation
- Highly efficient – maximum energy
- Variable speed depending on load
- 230 V AC output – reliable power supply
- Pure sine wave is ideal for sensitive electronics
- High starting capacity for air conditioners/compressors
- Easy to install – no forced air circulation required in the engine room
- Environmentally friendly – low fuel consumption
- Optional CAN SAE J1939 interface

The FISCHER PANDA 45i is equipped with the renowned Fischer Panda sound insulation and water cooling.

The new 45i marine generator fully utilizes modern diesel engines designed to operate at lower speeds and meet current emission standards.

### High Performance

The high starting performance for inductive loads such as air conditioning and underwater compressors, along with the clean sine wave form and precise voltage and frequency regulation, ensures stable and efficient power supply for sensitive electronic devices.

- High starting capacity for air conditioners/compressors, meaning large generators are not needed for start-up currents.
- Highly efficient – maximum energy
- Pure sine wave ideal for sensitive electronics
- Reliable power supply (230V AC output)

### Digital Display

The new iControl2 can record and read more data.

Automatic start function allows the generator to start via an external electric signal. For example: a battery monitoring module could measure battery level and send a signal to automatically start the Fischer Panda i-generator if it falls below a preset threshold.

If you are looking for a marine generator similar to the FISCHER PANDA 45i 45KVA, browse the marine generators catalog.





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.

**Product features:**

Phase: Three phase

Maximum power single phase (KVA): 45

Maximum power three phase (KW): 36

Continuous power three phase (KW): 32.4

Maximum power three phase (KVA): 45

Continuous power three phase (KVA): 40.5

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 400

Engine: Kubota V2403T

Engine rpm (rpm): 1500 - 2700

Speed governor: Electronic

Starting system: Elettrico

Engine capacity (cm<sup>3</sup>): 2434

Number cylinders: 4

Oil capacity (L): 9.5

Cooling: Water

Bore x stroke (mm): 87 x 102

Motor insulation class: H

Length (mm): 1130

Width (mm): 660

Height (mm): 810

Dry weight (Kg): 545

Silenced: Yes

Super silenced: Yes

Product type: Generator

Voltage regulator: Inverter

Engine manufacturer: Kubota

