



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

Reference: 0033433 - P NO

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.

Technical Sheet

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 ³)	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