



## FISCHER PANDA 5000i Neo PMS Inverter Sea Generating Set 5 kVA 4 kW

Reference: 0013348 - P NO

### FISCHER PANDA 5000I NEO PMS MARINE GENERATOR SUPERSILENCED 5 KVA

Fischer Panda 5000i Neo PMS marine generator designed to be compact, quiet and powerful with up to 30% weight and space savings! The Fischer Panda 5000i is ideal for yacht owners who require low noise and vibration levels.

The Fischer Panda 5000i Neo PMS features modern, innovative and environmentally friendly inverter technology.

The speed of the diesel engine is adjusted to the user's varying power requirements, while the output voltage from the inverter remains constant at all times. Variable speed control significantly reduces exhaust emissions and fuel consumption compared to a conventional fixed speed generator. The maximum engine speed of the Fischer Panda 5000i marine generator is 2800 rpm.

#### TECHNICAL SPECIFICATIONS FISCHER PANDA 5000i NEO PMS

Type of phase: Single-phase

Maximum power Singlephase: 4 KW

Singlephase continuous power: 3.6 KW

Maximum singlephase power: 5 KVA

Singlephase continuous power: 4.5 KVA

Frequency: 50 Hz

Voltage: 230 V

Motor RPM: 2500-3250 rpm

Displacement: 309

Cooling: Water

Soundproofing: GFK

Acoustic pressure: 54 dB(A) at 7 m

Inverter

Length: 426 mm

Width: 456 mm

Height: 509 mm

Dry weight: 67 Kg

- Small size and light weight - compact installation
- Highly efficient - maximum energy
- Variable speed according to 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 machine room
- Environmentally friendly - low fuel consumption
- Optional CAN SAE J1939 interface

The Fischer Panda 5000i renowned sound insulation and water cooling.

The new Fischer Panda 5000i takes full advantage of modern diesel engines designed to run at lower speeds and meet current emission standards.

### High Performance

High starting performance for inductive loads such as air conditioning and underwater compressors and the clean sine waveform with its precise voltage and frequency regulation ensures a stable and efficient power supply for sensitive electronic devices.

- High starting capacity for air conditioners/compressors, which means that there is no need to select large generators for starting currents.
- Highly efficient - maximum energy
- Pure sine wave ideal for sensitive electronics
- Reliable power supply (230V AC output)

### Compact design

The low weight and compact dimensions of the Fischer Panda 5000i allow the generator to be installed in very tight spaces.

- Low weight
- Compact design
- Requires only minimal space

### New iControl2 Panel and Engine Controller

The control panel allows you to operate the generator from the cab and view current status and technical data. The new panel is compact and can be installed on small dashboards.

### Digital display

The new iControl2 is capable of recording and reading more data.

Automatic start function that allows the generator to start via an external electrical impulse. For example: a battery monitoring module could measure the battery level and give a signal to automatically start the Fischer Panda if it is below a preset value.

If you're looking for a marine generator like the Fischer 5000i then you can browse the entire catalog of [marine generators](#).

Non-binding images and technical data.

## Technical Sheet

|                                     |                      |
|-------------------------------------|----------------------|
| Phase                               | Single phase         |
| Maximum power single phase (KW)     | 4                    |
| Continuous power single phase (KW)  | 3.6                  |
| Maximum power single phase (KVA)    | 5                    |
| Continuous power single phase (KVA) | 4.5                  |
| Fuel                                | Diesel               |
| Frequency (Hz)                      | 50                   |
| Voltage (V)                         | 230                  |
| Engine                              | Fischer Panda FPE320 |
| Engine rpm (rpm)                    | 2500 - 3250          |
| Speed governor                      | Electronic           |
| Engine capacity (cm <sup>3</sup> )  | 309                  |
| Number cylinders                    | 1                    |
| Oil capacity (L)                    | 2.1                  |
| Cooling                             | Water                |

|                        |               |
|------------------------|---------------|
| Poles                  | 2             |
| Bore x stroke (mm)     | 78 x 64       |
| Motor insulation class | H             |
| Length (mm)            | 426           |
| Width (mm)             | 456           |
| Height (mm)            | 510           |
| Dry weight (Kg)        | 67            |
| Silenced               | Yes           |
| Super silenced         | Yes           |
| Product type           | Generator     |
| Voltage regulator      | Inverter      |
| Engine manufacturer    | Fischer Panda |