

Panda 150i PMS Marine Generator

„A quantum leap in generator technology for superyachts!“

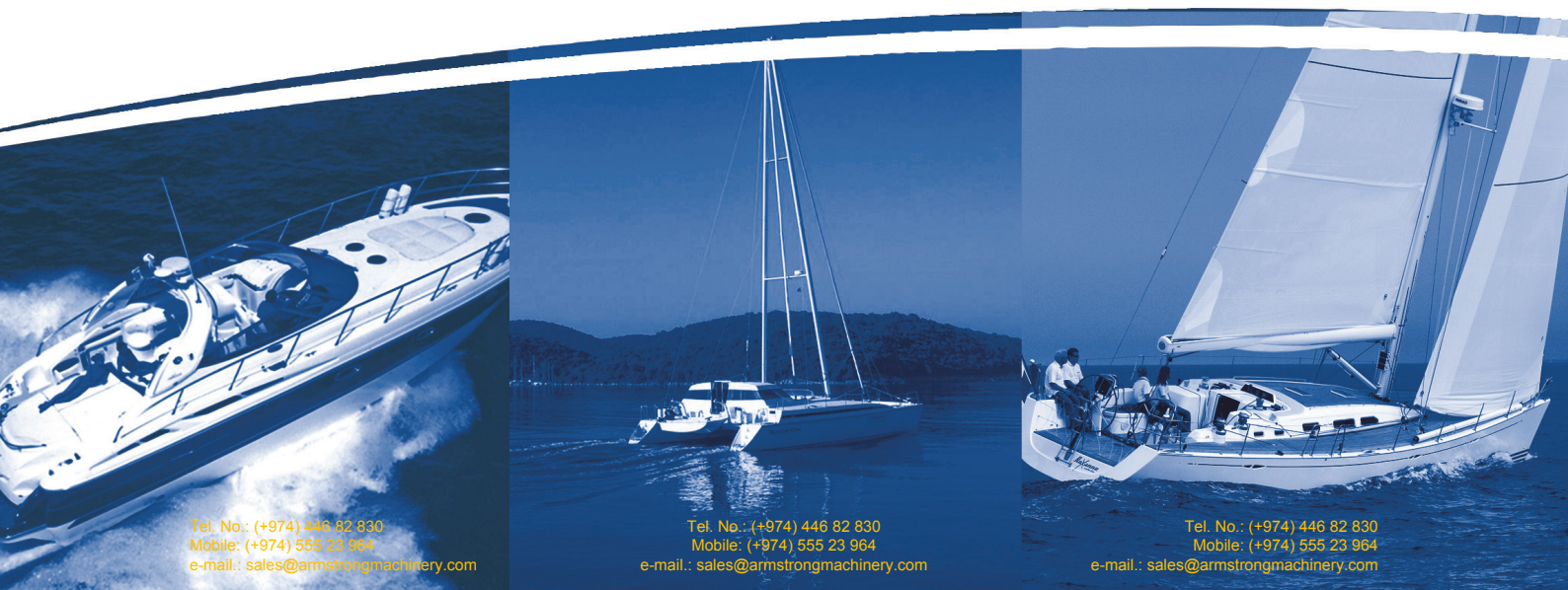
The Panda 150i marine generator with a performance of 150 kVA uses environmentally conscious inverter technology. The electrical load is provided with a constant output voltage of 400 V/50 Hz via the inverter. The speed of the diesel engine is adjusted according to the appliances in use but due to the inverter the output voltage always remains constant.



Description & Benefits

High end generator of the iSeries. This diesel powered inverter generator is fitted with a 400 V / 50 Hz inverter.

- Small size and low weight - compact installation including sound cover
- Variable speed - load-dependent and highly efficient
- 230 V / 400 V AC output - reliable power supply with pure sinus wave, ideal for sensitive electronics
- High starting capacity for air conditioners / diving compressors
- Easy to install - no forced air circulation required in machine room
- Environmentally friendly - low fuel consumption
- Digital display - up-to-date at all times
- The iSeries generators are fitted with the renowned Fischer Panda sound insulation and water cooling.
- 100% watercooled, full performance at +80 °C ambient temperature
- Generator is prepared for optional PTO, i.e. to mount a hydraulic pump
- No „Light Load“ issue, there is no „dummy load“ necessary to achieve a basic load
- One step load with 100% of generator performance



Datasheet

Parallel connected iSeries

- Several iSeries generators of different types can be easily connected in parallel. Extra cables or additional cabinets are not required. Each generator is fully independent and can be individually operated.
- Load-Sharing: All generators are equally loaded when operating in parallel

Technical Data

Model	Panda 150i PMS
Approx. Capsule Dimensions excl. Fittings (LxWxH)	1480 mm x 890 mm x 920 mm
Weight	1100 kg
Sound Level (7m / 3m 1m)	55 / 60 / 70 dB(A)
Cooling System	Dual circuit freshwater cooling via heat exchanger
Performance	
Nominal Output	0-120.0 kW (150 kVA)
Continuous Output	0-108.0 kW (135 kVA)
Output Voltage	400 V
Voltage Stability	± 3 %
Frequency Stability	50 Hz ± 2 %
Voltage Regulation	electronic
Frequency Regulation	electronic
Control	
Start System	12 V electric starter; Autostart integrated
Remote Control Panel	Panda iControl digital display
Inverter	Panda PMGi 150, integrated
Engine	
Engine Manufacturer	Various
Engine Type	4-Cyl Diesel
Engine Displacement	3000 ccm
Speed	1400-2600 rpm

Disclaimer: The information contained here is to the best of our knowledge accurate at the date of publication. All products are subject to continuous development and Fischer Panda GmbH reserves the right to alter technical specifications without prior notice.

Scope of delivery

iGenerator with integrated PMGi inverter; fuel pump; cooling water expansion tank; digital remote control panel

Options

Inverter upgrade for parallel operation; installation kit; service kit; 24 V start system; upgraded sound isolation cover; ground isolation relays; PTO for hydraulic clutch

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