



Power Protection Solutions Pty Ltd

30 Beach Street, Kippa-Ring, Qld 4021, Australia

P.O. Box 122, Redcliffe, Qld 4020, Australia

Phone (07) 3283 7800

Fax (07) 3283 7811

Email office@powersolutions.com.au

Web www.powersolutions.com.au

Inverter / Chargers • Marine Switchboards • Battery Chargers • Desalinators • Generators

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Fischer Panda 4000i & 6000i Generators - The next generation of super silent generators



The new Panda 4000i & 6000i Generators are the first of the next generation of compact, freshwater cooled (engine and alternator), super silent and powerful Fischer Panda Generators. With its modern and innovative inverter technology, the generator supplies extremely stable voltage and frequency.

The 4kW is more than sufficient to easily start a diving compressor such as the Bauer Junior II. The generator is fitted with the highly regarded sound insulation and complete water-cooling. The Panda 4000i has been especially designed to be light and compact.

The innovative new Fischer Panda 6000i Generator uses variable speed technology (optional on the 4000i) which allows the speed of the engine to be regulated and adjusted according to the electrical load that is connected. The high starting performance for inductive load makes the generator **ideal for starting an air conditioning unit** or even running a diving compressor. The clean sinus wave form with its accurate voltage and frequency regulation ensures that a stable and efficient supply of power is available for sensitive electronic devices.

The variable speed technology takes full advantage of its modern diesel engine designed to run at lower speeds and fulfil current emission standards. The speed of the engine is regulated and adjusted according to the electrical load which makes it economical to run.

Currently most generators on the market operate with a fixed speed of 1500 or 3000 RPM for 50 Hz (alternatively with 1800 or 3600 RPM for the 60Hz market). High engine speed means higher exhaust emissions. Even when operating with low loads, these are required to operate at higher speeds. This has always been a big concern with regard to the engine lifespan, glassing of the cylinders and high oil consumption.

For this reason engine manufacturers have started to reduce the engine speed on several engines to meet the new emission standards.

A new control panel and engine controller has been designed by Fischer Panda for this generator technology. The control panel allows the generator to be operated from the cabin and displays current status and technical data. The new panel is compact so it can be installed on small dashboards.

The low weight (79kg for the 4000i & 111kg for the 6000i) and compact size LxWxH: 595x390x410 for the 4000i and LxWxH: 520x440x550 for the 6000i, allows the generator to be installed in very tight spaces.

