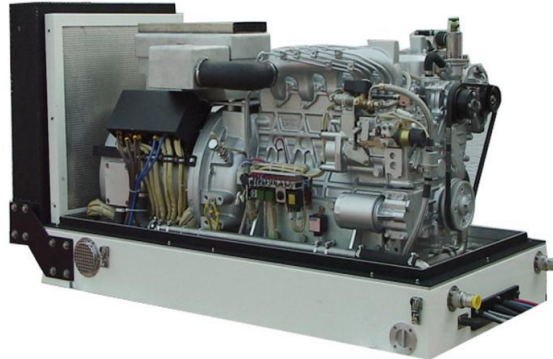




## Panda 60i PVMV-NE variable speed Specification



### Engine;

Type	Hatz 4H50TIC direct injection (Bosch CRS)
Cylinder	4
Bore / stroke	84 / 88 mm
Displacement	1952 cm <sup>3</sup>
Start system	Electric – 12v
Operational engine rpm	1400-2600 according to load
Cooling system	Water cooled with remote radiator system

### Alternator;

Type	Fischer Panda - Permanent Magnet
Voltage / Frequency	400v +/-3% / 50Hz, 3-phase, pure sine wave
Nominal Output	0 to 60.0kVA / 0 to 48kW (43.2kW continuous)
Regulation	Electronic
Parallel connectivity	Yes – to any other Fischer Panda iSeries generator
<b>Capsule Dimensions</b>	1535L x 720W x 930H (mm) +35mm height for external mounts
Weight	Generator 890kg (PMGI Inverter built-in) plus radiator of choice

The complete generator is mounted inside a super-silent brushed stainless capsule type MPL – 4DS. Fitted to the generator is an engine driven water cooling pump, 2 pole DC wiring. The exhaust mufflers are external, mounted to the end of the capsule, siting should be ventilated to ensure heat dissipation.

The output of the generator is pure sine wave 400v / 50Hz, this makes the generator ideal for starting inductive loads such as air conditioning, and powering sensitive electronic loads. The generator is also variable speed, so as the load increases so does the engine rpm to maintain a clean stable output. This has big advantages in respect of fuel consumption, noise levels, exhaust emissions and engine wear.

Supplied with the generator would be external mounts, fuel pump, connecting looms, full instruction manual, and latest digital remote control panel giving on/off, start/stop, pre-heat, hour meter and all warning indications working on an emergency shut-down principle. Auto start capability is standard.

A cooling radiator system is also supplied; the radiator is fitted with a thermostatically controlled fan and protective cowling. Options suitable for roof or side/under body mounting are available. All our cooling systems are sized to work at ambient of up to +50 degrees C.

This specification produces a very quiet, reliable generator that is well known in the more demanding commercial applications.