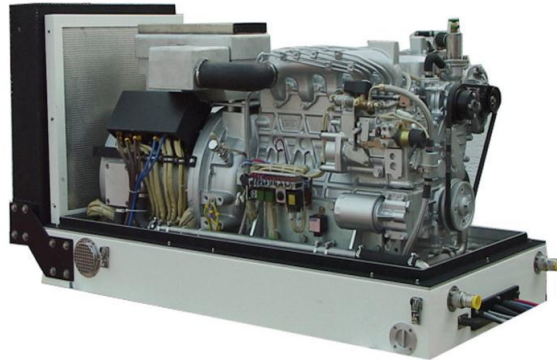




## Panda 45i PVMV-NE variable speed Specification



### Engine;

Type	Kubota V2403T
Cylinder	4
Bore / stroke	87 / 104 mm
Displacement	2434 cm <sup>3</sup>
Start system	Electric – 12v
Operational engine rpm	1500-2700 according to load
Cooling system	Water cooled with remote radiator system

### Alternator;

Type	Fischer Panda - Permanent Magnet
Voltage / Frequency	380vAV / 50Hz, 3-phase, pure sine wave
Nominal Output	0 to 45.0kVA / 0 to 36kW (32.4kW continuous)
Rated current each phase	65A (58.5A continuous)
Regulation	Electronic

### Dimensions of capsule

1400L x 720W x 810H (mm) - Add 35mm height for external mounts

### Weight

Generator 650kg (PMGi Inverter built-in) plus radiator of choice

The complete generator is mounted inside a super-silent capsule type MPL – 4DS. Fitted to the generator as standard 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 380v / 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 new digital remote control panel giving on/off, start/stop, pre-heat, digital hour meter and all warning indications. The warning indications work on an emergency shut down principle.

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.