



## Panda 15i PVMV-N variable speed Specification



Similar style inverter/converter

### Engine ;

Type	Kubota D902
Cylinder	3
Bore / stroke	67 / 68 mm
Displacement	898 cm <sup>3</sup>
Start system	Electric – 12v
Cooling system	Water cooled with remote radiator system

### Alternator ;

Type	Fischer Panda - Permanent Magnet
Voltage / Frequency	230v / 50Hz pure sine wave
Nominal Output	12.0 kW/ 14.8 kVA
Regulation	Electronic
Dimensions of generator ;	L890mm x W515mm x H630mm, Weight : 225 kg
Weight of PMGi Inverter :	18 kg

The complete generator is mounted inside a super-silent capsule type GRP – 4DS. Fitted to the generator as standard is an engine driven water cooling pump, 2 pole DC wiring and complete 1<sup>st</sup> and 2<sup>nd</sup> stage exhaust silencers.

The output of the generator is pure sine wave 230v / 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.