



## Panda 25i PVMV-N variable speed Specification



<b>Engine Type</b>	Kubota V1505-E3
Cylinder	4
Bore / stroke	78 / 78.4 mm
Displacement	1498 cm <sup>3</sup>
Start system	Electric – 12v
Cooling system	Water cooled with remote radiator system
<b>Alternator Type</b>	Fischer Panda - Permanent Magnet
Voltage / Frequency	230v / 50Hz pure sine wave
Nominal Output	0-25kVA (18kW continuous)
Regulation	Electronic
Dimensions of enclosure	L1100mm x W580mm x H680mm (nom)
Weight 385 kg	
Weight of PMGi Inverter	22 kg (nb Total system weight depends on final radiator choice)

The complete generator is mounted inside a brushed stainless capsule type MPL – 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, pre-cooled and also fitted inside the capsule with the generator.

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 remote 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.