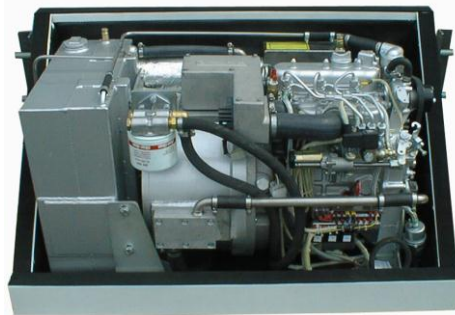




## Panda 15i PVK-U variable speed Specification



### 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	3-phase 400v / 50Hz pure sine wave
Nominal Output	12.0 kW / 14.8 kVA
Regulation	Electronic

<b>Dimensions of enclosure;</b>	L890mm x W530mm x H630mm (nom)	Weight	240 kg
Weight of PMGi Inverter	30 kg	(nb Total system weight depends on final radiator choice)	

The complete iSeries generator is mounted inside a brushed stainless capsule type MPL-4DS designed to hang from the chassis rails. Fitted to the generator as standard is an engine driven water cooling pump, 2 pole DC wiring and complete 1st and 2nd stage exhaust silencers, pre-cooled and also fitted inside the capsule with the generator. This arrangement usually needs no further silencing; the generator is exceptionally quiet, even at full load. Auto-start capability is standard so any device such as a battery monitor with an alarm contact can send a signal to our iControl to start the genset.

The output of the generator is 3-phase 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, 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 & tear. Service intervals are extended through moderate use.

Supplied with the generator would be 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.