

**Panda 18 NE PVK – U Specification**

**Engine:**

Type	Kubota – vertical 4-stroke diesel engine type D1105
Cylinder	3
Bore / stroke	78 / 78.4 mm
Displacement	1105 cm <sup>3</sup>
Start system	Electric – 12v
Cooling system	Water-cooled

**Alternator:**

Type	Fischer Panda
Voltage	231v / 50Hz single phase
Polarity	2 – pole
Nominal Frequency	50 Hz +/- 1.5Hz
Nominal Voltage	231v +/- 3 volt
Nominal Output	15.6 kW / 18.3 kVA
Isolation Class	F
Protection Class	IP 54

**Regulation:** Voltage regulation by patented VCS system

**Cooling:** Water-cooled

**Dimensions:** L1190mm x W580mm x H670mm

**Weight:** 450 kgs

The complete generator is mounted inside a super-silent capsule type MPL – 4DS. Also fitted to the generator as standard is DC charging alternator, engine driven water cooling pump, 2 pole DC wiring and complete 1st and 2nd stage exhaust silencers.

Supplied with the generator would be external mounts, remote AC control / booster box, fuel pump, connecting looms, full instruction manual, and 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 would also be supplied.(or fitted) The radiator will be fitted with 3 x thermostatically controlled DC fans or a single AC fan and protective cowling. Supplied with the radiator is a power supply, water expansion tank, fan speed controller, temperature sensor and fitting. All our radiator systems are sized to work at ambients of up to + 50 degrees C.

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