

Panda AGT 12000 PVMV-N Specification



Engine

Type	Kubota D902 – variable speed vertical 4-strok
Cylinder	3
Bore / stroke	67 / 68 mm
Displacement	898 cm ³
Start system	Electric – 12v
Cooling system	Water cooled with remote radiator system

Alternator

Type	Fischer Panda - Permanent Magnet
Voltage / Frequency	24vDC Nominal (400-Hz) 28.2vDC regulated, other voltages to order
Nominal Output	0-12kW – load dependent
Regulation	Electronic – patented VCS system

Dimensions of capsule

L870mm x W515mm x H635mm. Weight 225 kg + radiator of choice

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 1st and 2nd stage exhaust silencers. All major components within the sound-shield are water cooled.

The output of the generator is a stable DC for battery charging or direct drive. The generator is also variable speed, so as the load increases so does the engine rpm to maintain a clean stable output. When battery charging, the speed reduces as the batteries accept the charge. 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.