

Variable Speed

12.0kW

50/60Hz

Standard features

Engine

- Kubota Z902, diesel, 3 Cyl., 18 hp (13.4 kWm) – 898 cm³
- Starting system: electric (12V DC)
- Easy access to fuel line, lubrication system, sea/water pump and air filter
- Safety stop in case of low oil pressure, high temperature of engine or exhausts
- Double vibration reduction system

Alternator

- Permanent Magnet (PMG)
- Insulation class: H.
- Safety stop for high-temperature.

Engine and alternator cooling

- Heat exchanger water/air system

Sound shield

- Aluminium main frame and aluminium 5754 panels

Control Unit

- IP54 protection
- ON/OFF/START/STOP/MENU soft-touch buttons
- Digital display for generator parameters monitoring: Vac voltage, frequency Hz, engine rpm, hourmeter, genset battery voltage, engine oil pressure, low oil pressure alarm, engine temperature, engine pre-heating, high engine temperature warning and shutdown alarm, high alternator temperature warning and shutdown alarm, alarms history, maintenance warning
- 10 mt connection cable
- 485 Mod-Bus connector for monitoring generator by boat main control monitor
- GSM control (ON/OFF – alarms)



ENGINE

Model	Kubota D902
Type	Diesel, 3 Cyl.
Power	18 hp (13.4 kWm)
Bore/Stroke mm (inch)	72.0 x 73.6 (2.83 x 2.90)
Displacement	898 cm ³
Combustion system	Indirect injection
Aspiration	Naturally aspirated
Fuel system	In-line pump
Fuel consumption @ 75%	3.6 l/h
Starting battery	12V DC
Max. Inclination	30°
Water pump flow	22 l/min

ALTERNATOR

Type	Permanent Magnet (PMG)
Voltage	230/240 V
Max. Power output	12 kW
Power factor (cos φ)	1
Insulating class	H
Voltage stability	± 1%
Frequency stability	± 1%

Dimension (Length x Width x Height)	730 x 468 x 555 mm (25.59 x 18.42 x 21.85 inch)
Weight	185 Kg – 408 lbs (with sound shield)
Noise level	54 dB(A) at 7m (22.96 ft)

