GS 8.5 KS - 9.6 KS

SUPER SILENCED
Soundproof box

Easy installation

Compact

The engine is cooled by a coolant loop in a closed circuit. The system consists of a heat exchanger, inside which the heat exchange between coolant and sea water takes place. Two separate pumps provide for the circulation of coolant and seawater. Air flows ensure effective cooling of the alternator.
The excellent accessibility makes maintenance operations easier, even with the generator installed in confined environments.

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GS 8.5 KS - 9.6 KS STANDARD EQUIPMENT

Control panel

_ CBU EVO IL4 device controls and drives the genset. The large display and control pushbuttons allow easy use and monitoring:
- Manual start
- Voltage Vac
- Frequency Hz
- Hour meter
- Genset battery voltage
- Oil low pressure alarm
- Engine preheating
- Engine high temperature alarm
- Alternator battery charger failure alarm
- Protection alarm for frequency and rpm
- Alarm history
- Maintenance warnings
- General alarm outlet
- RUN outlet
- Ready outlet
- Programmable AUX outlet

_ Emergency stop button
_ Magneto-thermal protection

Engine

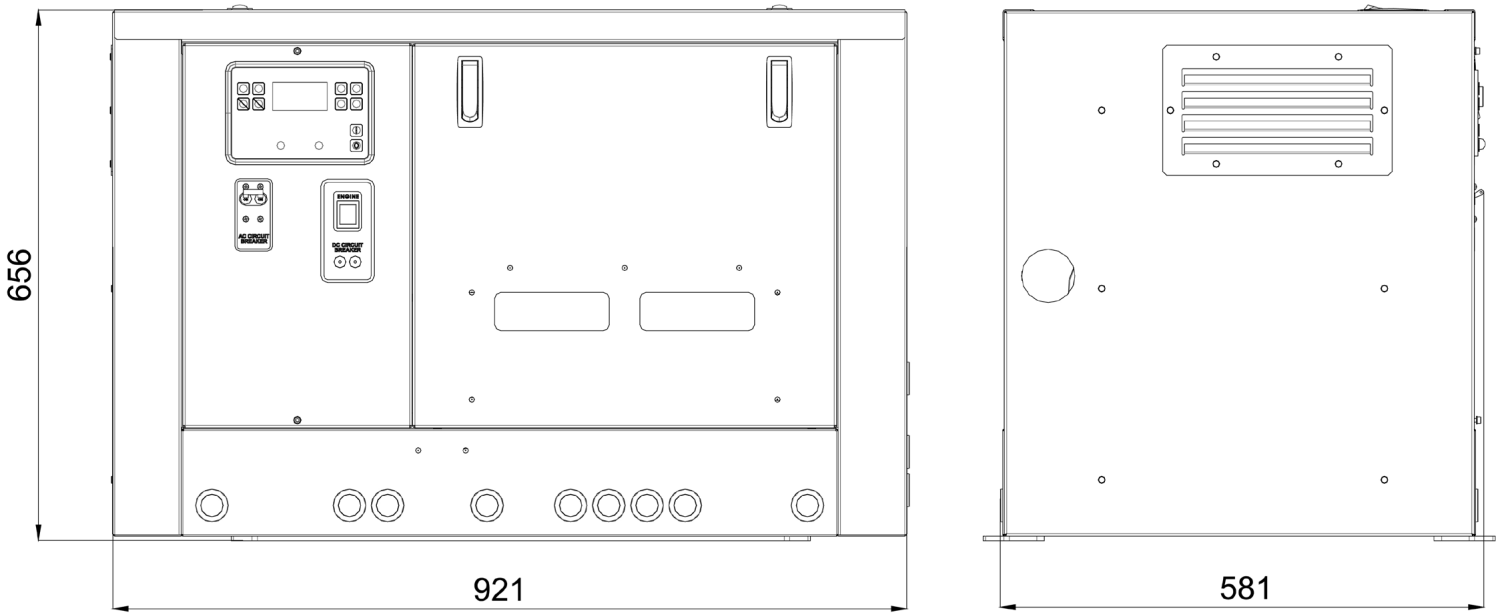
_ Easy maintenance access to the feeding and lubrification systems,
the sea water pump and the air filter

_ Double vibration dumping system

_ Oil drain pump

Soundproof cabin

_Made of extremely light marine aluminum with very high resistance to external agents



GS 8.5 KS - 9.6 KS TECHNICAL DATA

	50 Hz	60 Hz EPA
AC alternator -	Synchronous, 4 poles, brushless, with capacitors	
Cooling	Air	
Voltage	115 or 230 V	120 or 240 V
Frequency	50 Hz	60 Hz
Amps	60.9 or 30.4 A	73.3 or 36.7 A
Max power	7 kW	8.8 kW
Continuous power	6.4 kW	8 kW
Power Factor	cos ø 1	
Insulating class	H	
Voltage stability	±10%	
Frequency stability	±5%	

The power is referred to an atmospheric pressure of 100 kPa, a humidity percentage of 30% and an ambient temperature of 25°C.

Model	Kubota D1105	
Type	Diesel	
Cylinder block material	nr 3	
Cylinders	Cast iron	
Bore	78 mm - 3.07 in	
Stroke	78.4 mm - 3.09 in	
Displacement	1123 cc - 68.53 CID	
Power	12.74 hp - 9.37 kWm (at 1500 RPM)	15.4 hp - 11.33 kWm (at 1800 RPM)
RPM	1500	1800
Compression ratio	24:1	
Engine head material	Direct injection	
Combustion system	Cast iron	
Speed governor	Mechanical	
Lubrication system	Forced	
Oil sump capacity with filter	4.3 l - 1.21 gl	
Engine stop system	Electromagnet	
Fuel pump	Electric	
Max. fuel pump head	700 mm - 27.55 in	
Fuel consumption	2.9 l/h - 0.77 gl/h	3.1 l/h - 0.82 gl/h
Air intake		
Starting battery	80 Ah - 12 V	
Battery charger	40 Ah - 12 V	
Starter motor	1.2 kW - 12 V	
Max. inclination	25°	
Water pump flow	22 l/min - 6.6 gl/min	
Sea water inlet pipe Ø	16 mm - 5/8"	
Exhaust pipe Ø	50 mm - 2"	
Input/Output fuel pipe Ø	8 mm - 5/16"	

Dimensions (L x W x H)	921 x 581 x 656 mm - 36.3 x 22.9 x 25.8 in (with soundproof box)	
Weight	230 Kg - 507 lb (with soundproof box)	
Noise Level	49 dBA at 7 mt (23 ft)	51 dBA at 7 mt (23 ft)

GS 8.5 KS - 9.6 KS CUSTOMIZATIONS

	Accessory	Code
Accessories on request	· Filtering kit: sea water inlet, sea water strainer, taps, fittings D.20 - ref.5	016422
	· Exhaust kit: muffler, silencer, exhaust outlet D.50 MASE - ref.3	04658
	· Super silenced exhaust kit & exhaust gas separator D.50 MASE - ref.6	010078
	· Siphon break D.20 - ref.4	03796
	· Mase Muffler D.50	70795
	· Silencer Mase D.50	71809
	· Mase water/gas exhaust separator D.50	04488
	· Vetus LP50 muffler	71148
	· Vetus silencer MP50	71751
	· Silencer c.71751 with soundproofing sponge	039866
	· Vetus Separator LGS5038	71717
	· Centek muffler 2" - ref.7	71155
	· Centek 2" water/gas exhaust separator - ref.8	71156
	· Remote START/STOP panel with 20m cable for Comap IL4 - ref.1	037561
	· Comap IL4 remote start panel with 20-meter cable - ref.2	039607
	· Cruise KIT	913891

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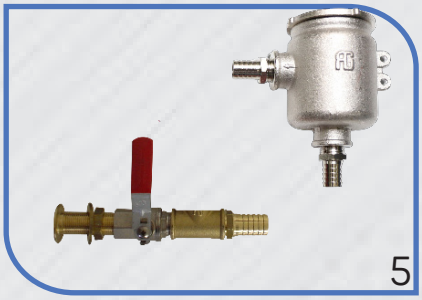
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