

**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.



GS 22 KS - 24.6 KS STANDARD EQUIPMENT

Control panel

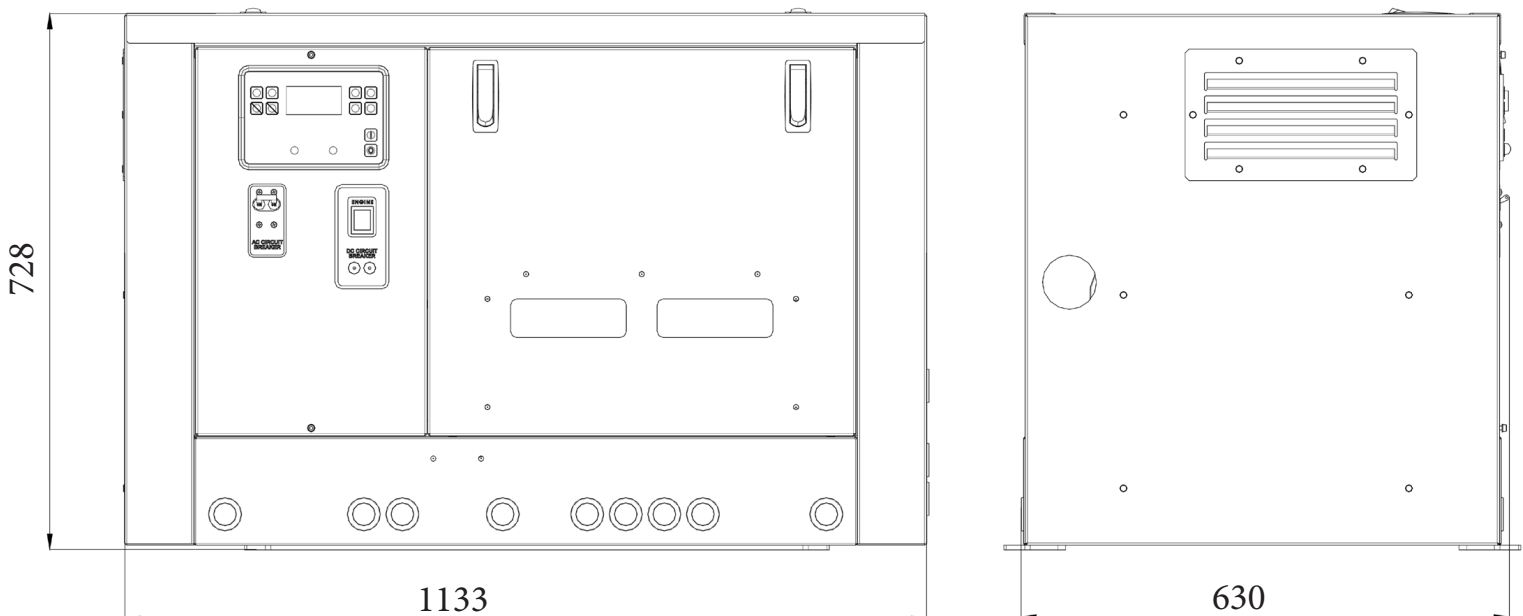
- _ CBU EVO IL4 device controls and drives the genset. The large display and control pushbuttons allow easy use and monitoring:
 - Manual start
 - Voltage Vac
 - Frequency Hz
 - Hour meter
 - Genset battery voltage
 - Oil low pressure alarm
 - Engine preheating
 - Engine high temperature alarm
 - Alternator 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 lubrication 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



50 Hz

60 Hz



AC alternator - Cooling Voltage Frequency Amps Max power Continuous power Power Factor Insulating class Voltage stability Frequency stability	Synchronous, 4 poles, with AVR	
	Air	
	115 - 230 V	120 - 240 V
	50 Hz	60 Hz
	191.3 - 95.7 A	200 - 100 A
	22 kW	24 kW
	20 kW	22 kW
	cos ϕ 1	
	H	
	$\pm 2\%$	
	$\pm 2\%$	

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

Model Type Cylinder block material Cylinders Bore Stroke Displacement Power RPM Compression ratio Engine head material Combustion system Speed governor Lubrication system Oil sump capacity with filter Engine stop system Fuel pump Max. fuel pump head Fuel consumption Air intake Starting battery Battery charger Starter motor Max. inclination Water pump flow Sea water inlet pipe \varnothing Exhaust pipe \varnothing Input/Output fuel pipe \varnothing	Kubota V2403	
	Diesel	
	nr 4	
	Cast iron	
	87 mm - 3.43 in	
	102 mm - 4.03 in	
	2434 cc - 148.53 CID	
	29.5 hp - 21.70 kWm (at 1500 RPM)	39.8 hp - 29.28 kWm (at 1800 RPM)
	1500	1800
	23.2:1	
	Indirect injection	
	Cast iron	
	Electronic	
	Forced	
	6.6 l - 1.86 gl	
	Electromagnet	
	Electric	
	700 mm - 27.5 in	
	6.1 l/h - 1.61 gl/h	6.5 l/h - 1.72 gl/h
	100 Ah - 12 V	
	40 Ah - 12 V	
	2 Ah - 12 V	
	25°	
	28 l/min - 7.39 gl/min	
	25 mm - 1"	
	60 mm - 2.4	
	8 mm - 5/16"	

Dimensions (L x W x H) Weight Noise Level	1133 x 630 x 728 mm - 44.6 x 22.8 x 25.6 in (with soundproof box)	
	465 Kg - 1025 lb (with soundproof box)	
	49 dBA at 7 mt (23 ft)	51 dBA at 7 mt (23 ft)



	Accessory	Code
Accessories on request	• Filtering kit: sea inlet, water filter, valves, fittings D.25 - ref.4	03793
	• Siphon break kit D.25 - ref.3	015849
	• Muffler Vetus LP60	71711
	• Silencer Vetus MP60	71746
	• Silencer c.71746 with soundproofing sponge	039865
	• Separator Vetus LGS6050	71712
	• Muffler Centek 2" 1/2 - ref.5	71714
	• Water/gas separator 2" 1/2 Centek - ref.6	71713
	• Remote START/STOP panel with 20m cable for Comap IL4 - ref.1	037561
	• Comap IL4 remote start panel with 20m cable - ref.2	039607
	• Cruise Kit	913806

