

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.

Compact and quiet, these generators feature super-silent canopies and a dual anti-vibration system, ensuring maximum noise and vibration reduction.

The perfect solution for professional applications.

We reserve the right to modify the data, images and drawings in this document without prior notice.

For more detailed information, please contact your local distributor or Mase Generators S.p.A.



mase generators spa

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EASY INSTALLATION

N.

SUPER SILENCED



mariner 850 K PRO - 960 K PRO

CE Output power 7 kW 50 Hz - 8.9 kW 60 Hz



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

SOUNDPROOF CABIN

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

Insulated poles kit (for metal hull boats), dry exhaust kit and keel cooling kit are available on request

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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 74.2 or 37.1 A Max power - 7 kW 8.9 kW Continuous power - 6.4 kW 7.5 kW Power Factor - cos ø 1 100 vert 4.0 kg Insulating class - H Voltage stability - ±10% Frequency stability - ±10% 50 Hz 50 Hz Model - Kubota D1105 50 Hz 50 Hz Model - Kubota D1105 50 Hz 50 Hz Cylinders - nr 3 Cylinders - nr 3 Cylinder block material - Cast iron 30 in Bore - 78.4 mm - 3.09 in 113 dt 400 RI Stroke - 78.4 mm - 3.09 in 1800 Compression ratio - 24:1 12 dt hp - 9.37 kWm (at 1500 RPM RPM - 1500 1800 1800 Compustion system - Direct inj		50 Hz	60 Hz ≎EPA ■
Voltage 115 or 230 V 120 or 240 V Frequency - 50 Hz 60 Hz Amps - 60.9 or 30.4 A 74.2 or 37.1 A Max power - 7 kW 8.9 kW Continuous power - 6.4 kW 7.5 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, humoting precentage of 30% and an ambient temperature of 25°C. Model - Kubota DIII05 Type - Diesal Cylinders - nr 3 Cylinder block material - Cast iron Bore - 78 mm - 3.07 in Stroke - 78 dm - 3.09 in Displacement - 1123 cc -68.53 CID Power - 12.74 hp - 9.37 kWm (at 1500 RM) Bore - Cast iron Stroke - 78 mm - 3.07 in Bore - 12.74 hp - 9.37 kWm (at 1500 RM) Bore - 12.74 hp - 9.37 kWm (at 1500 RM) Bore - 12.74 hp - 9.37 kWm (at 1500 RM)	AC alternator -	Synchronous, 4 poles, brushless, with capacitors	
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Starting battery - 80 Ah - 12 V			
		40 Ah - 12 V	
		1.2 kW - 12 V	
		1.2 KW - 12 V 25°	
		22 l/min - 5.81 gl/min	
		16 mm - 5/8" 50 mm - 2"	
		50 mm - 2" 8 mm - 5/16"	
		·	
		800 x 514 x 647.5 mm - 31.5 x 20.2 x 25.5 in (with soundproof box)	
		230 Kg - 507 lb (with soundproof box)	
Noise Level -51 dBA at 7 mt (23 ft)53 dBA at 7 mt (23 ft)	Noise Level -	51 dBA at 7 mt (23 ft)	53 dBA at 7 mt (23 ft)

mariner 850 K PRO - 960 K PRO

CEOutput power 7 kW 50 Hz - 8.9 kW 60 Hz

Believing in change.

Accessory

Code

ACCESSORIES	• Filtering kit: sea water inlet, sea water strainer, taps, fittings D.20 - ref.5	016422
ON REQUEST	 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	913895

