

MASE generators, VS.3 line - Variable RPM



Last-generation variable RPM generators offering manufacturers and shipbuilders the advantages deriving from a small size and an adjustable power. The engine speed control system only generates the power required, which reduces emissions and consumption.

The W/A intercooler system ensures perfect functioning of the generator regardless of the external ambient temperature therefore the alternator and the engine work at ideal temperature optimizing the performance and reliability of the gen-set.

Engine: easy access in case of maintenance of the power and lubrication systems, of the sea water pump and of the air filter. Safety stop in case of low oil pressure. Safety stop against overtemperature of engine and exhaust gas. Easy-to-replace oil and fuel filter. Oil drain pump provided.

Alternator: permanent-magnet type.

Soundproof cabinet: frame made of lightweight coated marine aluminium panels featuring innovative design and extremely high weatherproof properties. Very good access to the inside housing for easier maintenance operations even when the genset is installed in confined places.

Cooling system: the cooling of the engine is based on a coolant closed circuit controlled by a seawater/coolant heat exchanger.

Air inside the alternator is cooled by a seawater/air heat exchanger.

This system makes cooling of alternator more effective and achieve optimal temperature for best performance and reliability of the generating set despite the room temperature of the onboard housing.

Control unit: IntelliNanoNT MRS 3 - (118x118mm) - IP65.

Engine RPM		Alternator				Tube Ø mm			
		V		Hz		Cooling		Drain	
From 2100 to 3150		230-240		50-60		16		40/45	
Code	Model	Motor		Alternator		Cooling system	↔ mm	kg	Noisiness at 7 m
		Make and model	No. of cylinders	A	meter power kW				
50.243.06	VS 6.5	Kubota Z482	2	26.08	6	Air/water	650x469x555	161	54 dB
50.243.08	VS 8.5	Kubota Z602	2	34.7	8	Air/water	650x469x555	172	54 dB
50.243.10	VS 10.5	Kubota D722	3	40.6	10.5	Air/water	730x469x555	176	54 dB
50.243.12	VS 12.5	Kubota D902	3	52.1	12	Air/water	730x469x555	185	54 dB



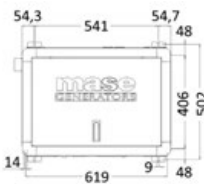
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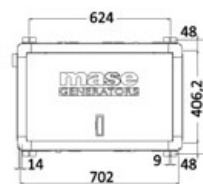
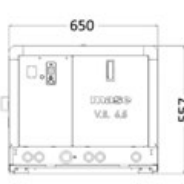
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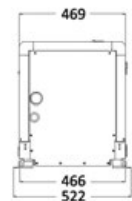
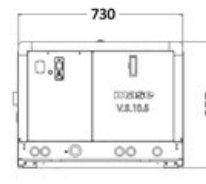
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▲ 50.243.06/08



▲ 50.243.10/12



Circuit cooling kit for generators



Code 50.244.90

It includes fittings, valves, filter and anti-siphon valve.
Use a 16-mm Ø tube.

Exhaust circuit kit for generators



Code 50.244.92

It includes silencer, exhaust valve and clamps.
Use a 40-mm Ø tube.