

## MASE generators

### MASE generator, IS.7 line - 3000 rpm



**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. Double vibration dumping system. Easy-to-replace oil and fuel filter. Oil drain pump provided.

**Alternator:** synchronous, 2 poles, self-adjusted, self-excited, brushless. Weatherproof epoxy-resin coated rotor and stator. Dynamically balanced rotor. H insulation class. Safety stop against coiling overtemperature.

**Soundproof cabinet:** self-bearing frame made of aluminium profiles and lightweight coated marine 5754 aluminium alloy panels featuring 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:**

**Air/water:** the cooling system consists of an air/sea water exchanger. The air flows provide an efficient cooling and the optimal temperature for the best performance and reliability of the generator. This system ensures better operating conditions for the genset despite the room temperature of the onboard housing.

**Coolant/water:** 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:** InteliNanoNT MRS 3 - (118x118mm) - IP65

Engine RPM	Alternator			Tube Ø mm	
	V	Hz		Cooling	Drain
3000	115-230	50		16	40/45

Code	Model	Motor			Alternator			Cooling system	↔  mm	kg	Noisiness at 7 m
		Make and model	No. of cylinders	consumption l/h	A	meter power kW	Max power kW				
50.242.26	IS 2.6 (2 kW)	Yanmar L48N	1	0.7	17.4-8.7	1.7	2.0	Air/water	500x380x465	80	54 dB
50.242.35	IS 3.5 (3 kW)	Yanmar L70N	1	1.3	26.0-13.0	2.7	3.0	Air/water	590x406x515	96	54 dB
50.242.50	IS 5.0 (5 kW)	Yanmar L100N	1	1.65	43.5-21.7	4.2	5.0	Air/water	675x468x565	130	54 dB
50.242.61	IS 6.1 (6.1 kW)	Kubota Z482	2	2.6	53.0-26.5	5.6	6.1	Liquid/water	650x468x555	165	54 dB
50.242.91	IS 9.1 (8.6 kW)	Kubota D722	3	3.1	74.8-37.4	7.8	8.6	Liquid/water	730x468x555	185	54 dB



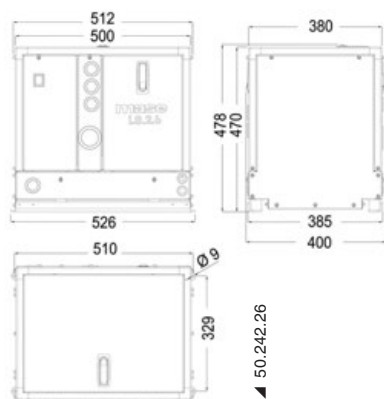
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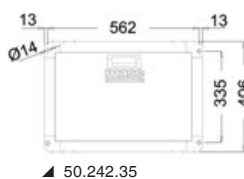
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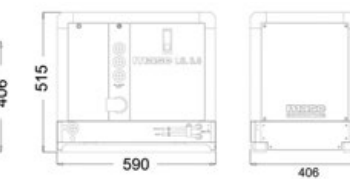
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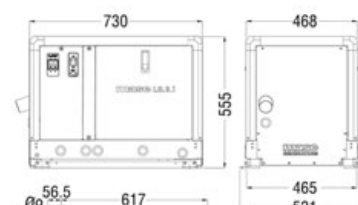
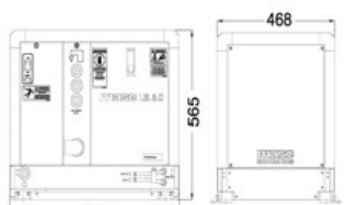
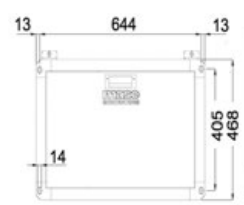
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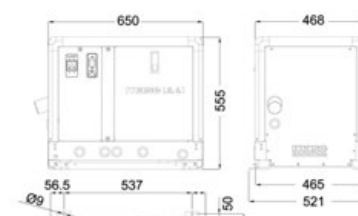
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